### **CONTENTS**

### 1622 READER-PUNCH LOGIC DIAGRAM

MACHINE SERIAL NO. /0695

DESCRIPTION	LOGIC	PART NO		G CHANGE LE	VEL			
CONTENTS		615100	802300 802474	802300B 802592	802300A 802458A	802365 802603A	802363 802603G	802455 802603K
		615101						
		615102						
		615103						
		615104						
	-	615105						
DATA FLOW CHART	04.01.00.1	615106	802603A					
READER START AND RUN	04.02.00.1	615107	802300 802458A	802300A 802603A	802365	802363	802455	802474
READER CLUTCH AND CONTROL	04.02.01.1	615108	802300 802458A	802300A	802365	802363	802455	802474
READER READ	04.02.02.1	615109	802300	802603A 802365	802603G 802603A	802603K		
PUNCH START AND RUN	04.02.03.1	615110	802300	802455	802603A	802603G		
PUNCH CLUTCH AND CONTROL	04.02.04.1	615111	802300	802365	802455	802474	802603A	802603G
PUNCH READ AND PUNCH	04.02.05.1	615112	802300	802365	802363	802455	802592	802458A
C E AID	04.02.06.1	615113	802603A 802300	802458A	802603A			
			802300	802300B	802603A			
SWITCH LOCATIONS	04.03.00.1	615114	802300	802365	802455			
GENERAL TIMING	04.03.01.1	615115	802300	802365	802455	802603A		
READER CAM TIMING	04.03.02.1	615116	802300	802365	802458A	802603A		
CAM LOCATIONS	04.03.03.1	615117	802300	802365	802458A	802603A	802603G	
PUNCH CAM TIMING	04.03.04.1	615118	802300	802458A	802603A	COECOSA	0020000	<b></b>
TIMING REFERENCE	04.03.05.1	615119	802300	802365	802363	902455	802458A	9026074
RES, CAP AND DIODE LOCATIONS	04.03.06.1	615120	802603G			802455		802603A
RELAY GATE	04.03.07.1	615121	802300	802365	802455	802603A	802603G	
READ RESISTORS AND INTEGRATORS	04.03.08.1	615122	802300	802363	802455	802603A		
RELAY LOCATIONS	04.03.09.1	615123	802300	802300A	802455	802458A	802603A	802603G
POWER SUPPLY DETAIL ±3V AT 5A, I250W BULK SPLY	04.03.10.1	615124	802300	802603A				
POWER SUPPLY DETAIL + 12 V AT 8A	04.03.11.1	615125	802300	802603A				
POWER SUPPLY DETAIL - 12V AT 16A	04.03.12.1	615126	802300	802603A				
POWER SUPPLY DETAIL - 20V AT 15A	04.03.13.1	615127	802300	802603A				
MECHANICAL TIMING	04.03.14.1	615128	802300					
		615129						
PANEL AT VOLTAGE DISTRIBUTION	04.04.01.1	615130	802300	802363				
PANEL A2 VOLTAGE DISTRIBUTION	04.04.01.2	615131	802300	802363	802603A	802603K		
A GATE CONNECTORS	04.04.01.5	615132	802300	802455	802603A			
READ BRUSHES TO BUFFER	04.04.01.8	615133	802300					
PUNCH CHECK BRUSHES TO BFR	04.04.01.9	615134	802300					
MEMORY ARRAY READ LINES	04.04.02.3	615135	802300	802603A				
MEMORY ARRAY WRITE LINES	04.04.02.4	615136	802300					
MEMORY ARRAY SENSE AND INHIBIT	04.04.02.5	615137	802300					<u> </u>
CORE MEMORY ARRAY	04.04.02.8	615138	802300	802300B				
A GATE "T"CONNECTORS	04.04.03.2	615139	802300	802300A	802363	802455	802592	802603A
AI PANEL CARD LOCATION	04.04.03.3	615140	802300	802363	802592	802603A		
AI PANEL CARD LOCATION	04.04.03.4	615141	802300	802300A	802455	802603A		
A2 PANEL CARD LOCATION	04.04.03.5	615142	802300	802363	802592	802603A		
A2 PANEL CARD LOCATION	04.04.03.6	615143	802300	802363	802592	802603A	`	
·		615143	802300	802455	802603A			
READER INTEGRATORS	04.04.04.1	<b></b>	802300	802455	802592	802603A	802603G	
PUNCH INTEGRATORS	04.04.04.3		802300	802603A				
CE CONTROLS	04.04.05.1	615146	802300	802603A				<u> </u>
RESET	04.05.07.1	615147	802300	OUZGUSA				<b></b>
PRIORITY RING	04.10.03.1	615148	802300	802300A	802603A		-	
OSCILLATOR	04.10.04.1	615149	552500	COLOUM	JULUUJA	<u> </u>	<u>t                                    </u>	<u> </u>

3	FIELD B/M'S INSTALLED							
DATE	B/M NO.							
	<u> </u>							

NOTE

X PRINT TO ENG SPEC 894698

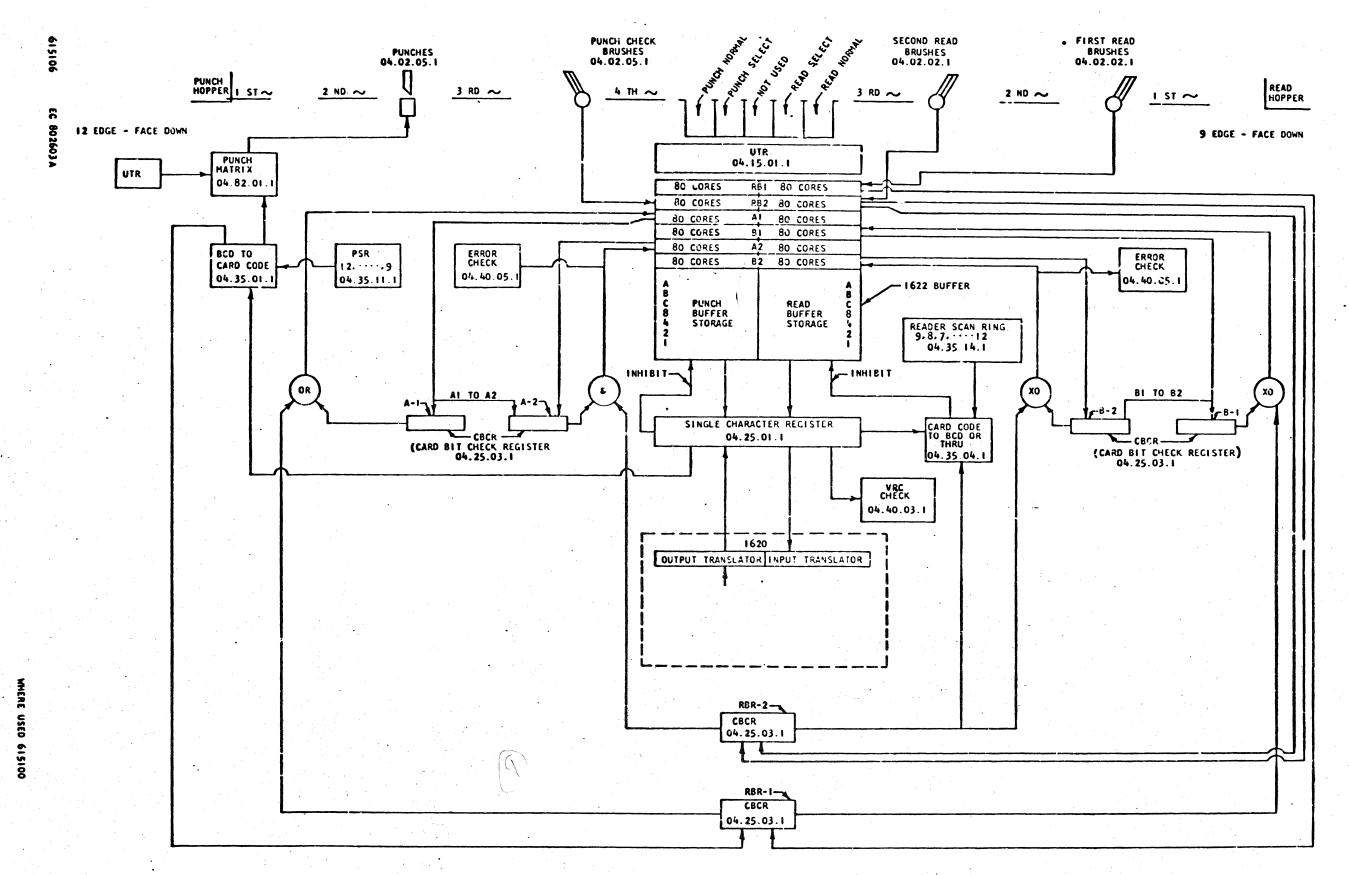
XI COMPLETE DIAGRAM CAN
BE ORDERED UNDER
PART NO. 615100

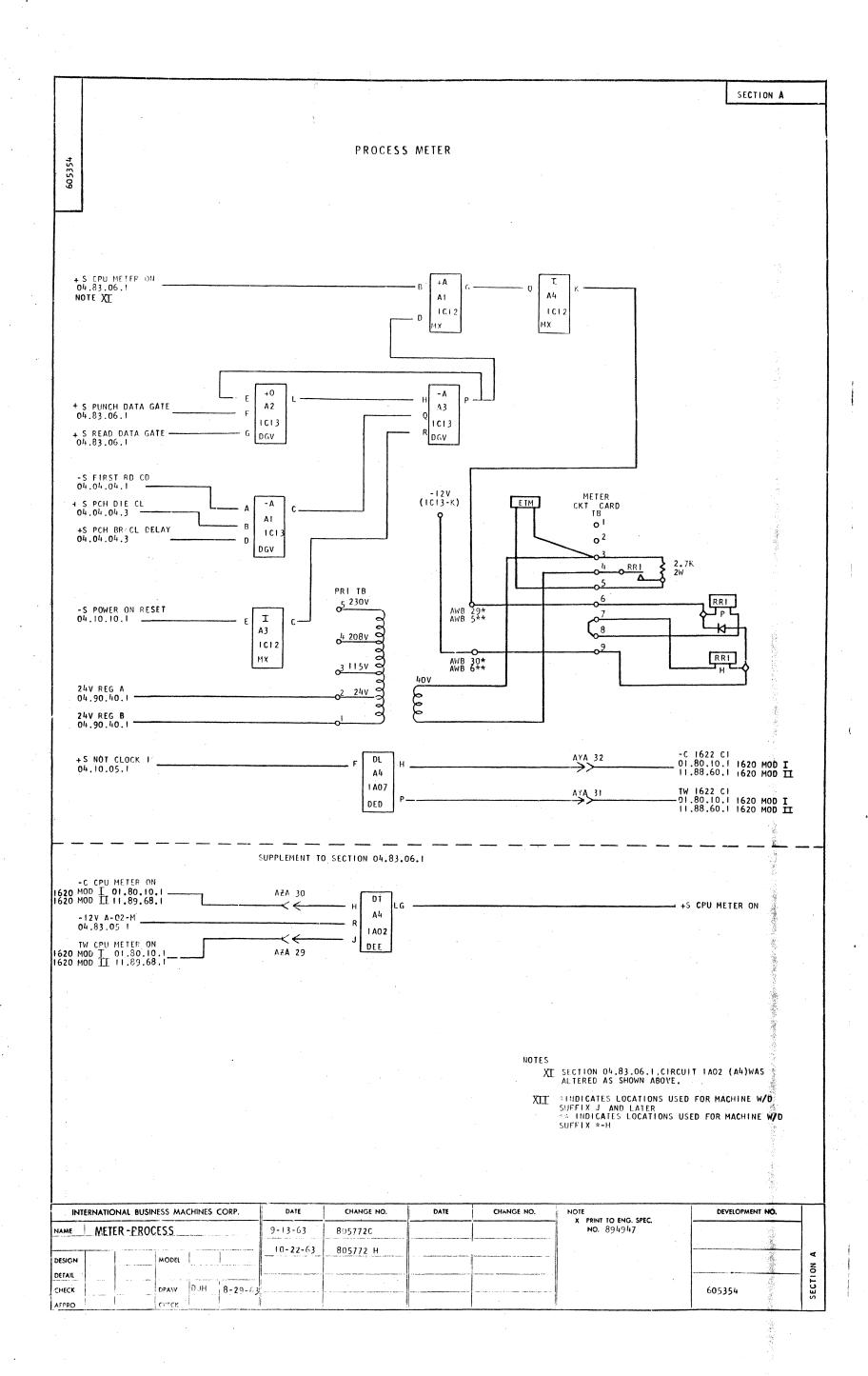
INTERNATIONAL BUSINESS MACH CORP								
NAME	NAME LOGIC DIAGRAM-READER, PUNCH							
DESIGN	BIM	1-10-61	MODEL	162	22			
DETAIL	कीर	1-10-61	SCALE	NO	NE			
CHECK	MX	1-10-61	DRAW					
APPRO	B934	1-11-61	CHECK	X)7	1-10-61			

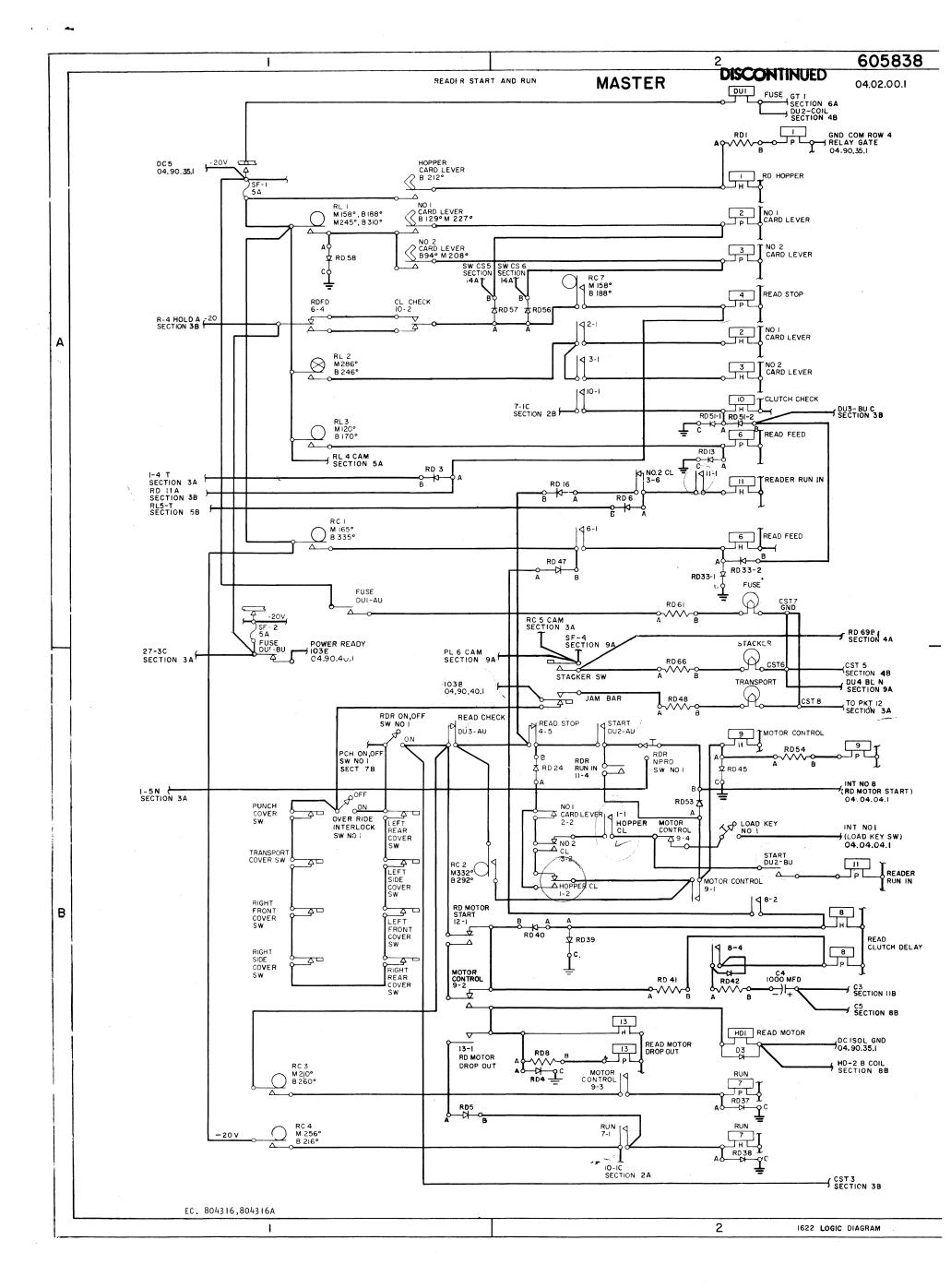
EC 802300 EC 8023008 EC 802300A EC 802365 EC 802363 EC 802455 EC 802474 EC 802592 EC 802458 A EC 802603A EC 8026036 EC 802603K 3-10-64 4-3-61 4-17-61 4-24-61 5-15-61 6-13-61 6-16-61 12-4-61 1-9-61 1-25-61

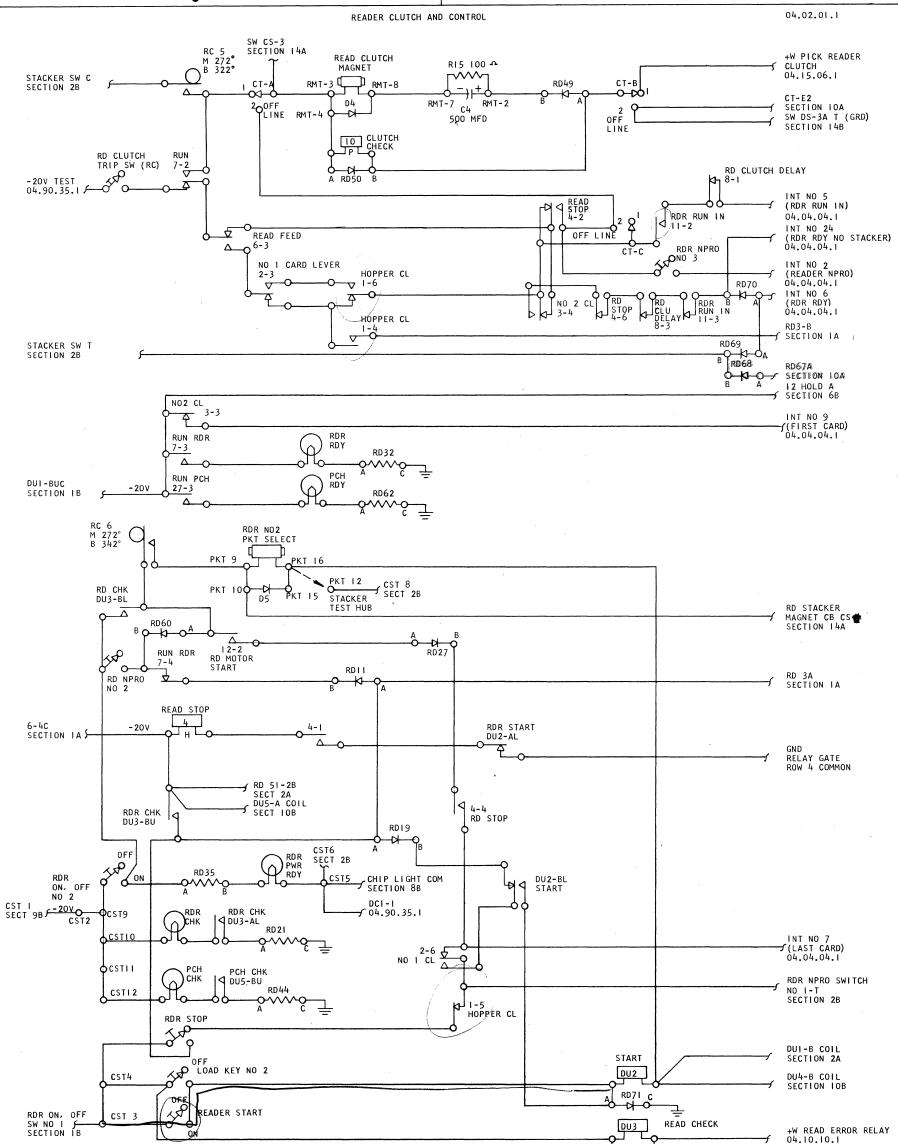
SHEET ! OF 2

DECCRIPTION	LOGIC	PART NO	ENGINEERI	NG CHANGE	EVE			
DESCRIPTION	04.10.05.1	6I5I50	802300	T CHANGE	T	1	T	1
CLOCK PSN 0-1-2-3		ļ	802300	802592	802458A			
CLOCK PSN 4-5-6-7	04.10.06.1	615151				0000074		
CONTROLS	04.10.07.1	615152	802300	802363	802458 A	802603A		
RD RB SCN AND TRF RD ACCR LAT'S	04.10.08.1	615153	802300	802363	802603A	8026036		
PCH SCN AND TRF PCH ACCR LAT'S	04.10.08.2	615154	802300	802363	802592	802603A		
CONTROLS SCAN	04.10.08.3	615155	802300	802363	802603A			
TRANSFER TO 1620	04.10.09.1	615156	802300	802363	802603A		<u> </u>	<u> </u>
		615157	802300	802603A			<b>+</b>	
TRANSFER FROM 1620	04.10.09.2		802300	802363	802455	802592	802603A	
ERROR LATCHES	04.10.10.1	615158	802300	802363	802455	802592	802603A	802603G
READY LATCHES	04.10.11.1	615159			802433	002332	802803A	8028036
BUFFER READ DRIVE PUNCH SELN	04.10.12.1	615160	802300	802603A				
UNITS RING 0-1-2-3	04.15.01.1	615161	802300	802363				<u> </u>
UNITS RING 4-5-6-7	04.15.02.1	615162	802300	802363				
UNITS RING 8-9, TENS RING 0-1	04.15.03.1	615163	802300	802363			ļ	
	04.15.04.1	615164	802300					
TENS RING 2-3-4-5		<del> </del>	802300	802363	802592	802603A		<b>}</b>
TENS RING 6-7	04.15.05.1	615165	802300	802363	802455	802603A		
READ PUNCH DISCONNECT	04.15.06.1	615166		602363	802433	802803A		
SINGLE CHAR REGISTER 8-4-2-1	04.25.01.1	615167	802300	802603A				
SINGLE CHAR REGISTER A-B-C	04.25.02.1	615168	802300	802603A				
CARD BIT CHECK REGISTER	04.25.03.1	615169	802300	802592	802603A			<b>†</b>
BUFFER C-A-B-8-4-2-I SENSE AMPS		615170	802300	802458A	802603A			
BUFFER CHECK PLANES AI-BI-A2-B2			802300	802455	802592	802458A	802603A	
ROW BIT PLANES 1,2 SENSE AMPS	04.30.02.1	615171	802300	802603A			1	
Z DRIVERS C-A-B-8-4-2-I-XY,X,Y	04.30.03.1	615172						
READER/PUNCH BUFFER READ/WRITE X DRIVERS (UNITS)	04.30.04.1	615173	802300	802458 A	802603A			
READER/PUNCH BUFFER READ/WRITE Y DRIVERS (TENS)	04.30.05.1	615174	802300	802458A	802603A			
READ/WRITE DECODE SWITCHES X (UNITS)	04.30.06.1	615175	802300					
READ/WRITE DECODE	04.30.07.1	615176	802300					
SWITCHES Y (TENS)	04.30.08.1		802300					
DRIVER RESISTORS		615177	802300	802458 A	802603A			
BCD TO HOLLERITH CODING	04.35.01.1	615178		002436A	802003A			
BCD TO HOLLERITH CODING	04.35.02.1	615179	802300					
HOLLERITH TO BCD CODING	04.35.04.1	615180	802300	802603A				
PUNCH SCAN RING 12-11-0-1	04.35.11.1	615181	802300	802603A	<u> </u>			
PUNCH SCAN RING 2-3-4-5	04.35.12.1	615182	802300	802603A				
PUNCH SCAN RING 6-7-8-9	04.35.13.1	615183	802300	802363	802603A			
And the second s			802300	802603A	<b>_</b>			
READER SCAN RING 9-8-7-6	04.35.14.1	615184	802300	802603A				
READER SCAN RING 5-4-3-2	04.35.15.1	615185						
READER SCAN RING 1-0-11-12	04.35.16.1	615186	802300	802363	802603A			
C BIT CORRECTION	04.40.02.1	615187	802300	802603A				
		615188						
VRC CHECK	04.40,03,1	615189	802300	802603A				
READ PUNCH CHECK	04.40.05.1	615190	802300	802603A				
ANY HOLE AND ODD/EVEN			802300					
PUNCH SELECT	04.82.01.1	615191						
PUNCH MAG DRIVERS NO I TO 16	04.82.03.1	615192	802300					
PUNCH MAG DRIVERS NO 17 TO 32	04.82.04.1	615193	802300					
PUNCH MAG DRIVERS NO 33 TO 48	04.82.05.1	615194	802300					
PUNCH MAG DRIVERS NO 49 TO 64	04.82.06.1	615195	802300	802603K				
			802300					
PUNCH MAG DRIVERS NO 65 TO 80	04.82.07.1	615196	802300					
DATA LINE DRIVERS	04.83.01.1	615197						
CONTROL LINE DRIVERS	04.83.04.1	615198	802300					
DATA LINE TERMINATORS	04.83.05.1	615199	802300					
CONTROL LINE TERMINATORS	04.83.06.1	615200	802300	802603A				
		615201						
AC POWER DISTRIBUTION	1,01,09,40	615202	802300	802603A				
AC REGULATOR AND DC SUPPLIES	04.90.20.1	615203	802300	802365	802603A			·
			802300	802365	802363	802603A		
DC DISTRIBUTION AND GND RETURNS	04.90.35.1	615204						
	04.90.40.1	615205	802300	802300B	802458A	802603A		
POWER SUPPLY SEQUENCING			802300	802458A	802603A	802603G		
POWER SUPPLY SEQUENCING  VOLTAGE SEN RELAYS & METERING	04.90.45.1	615206						
	04.90.45.1	615206					·	
	04.90.45.1	615206						
	04.90.45.1	615206						
	04.90.45.1	615206						









EC 802300, 802300A, 802365, 802363, 802455, 802474, 802458A, 802603A, 802603G 615108

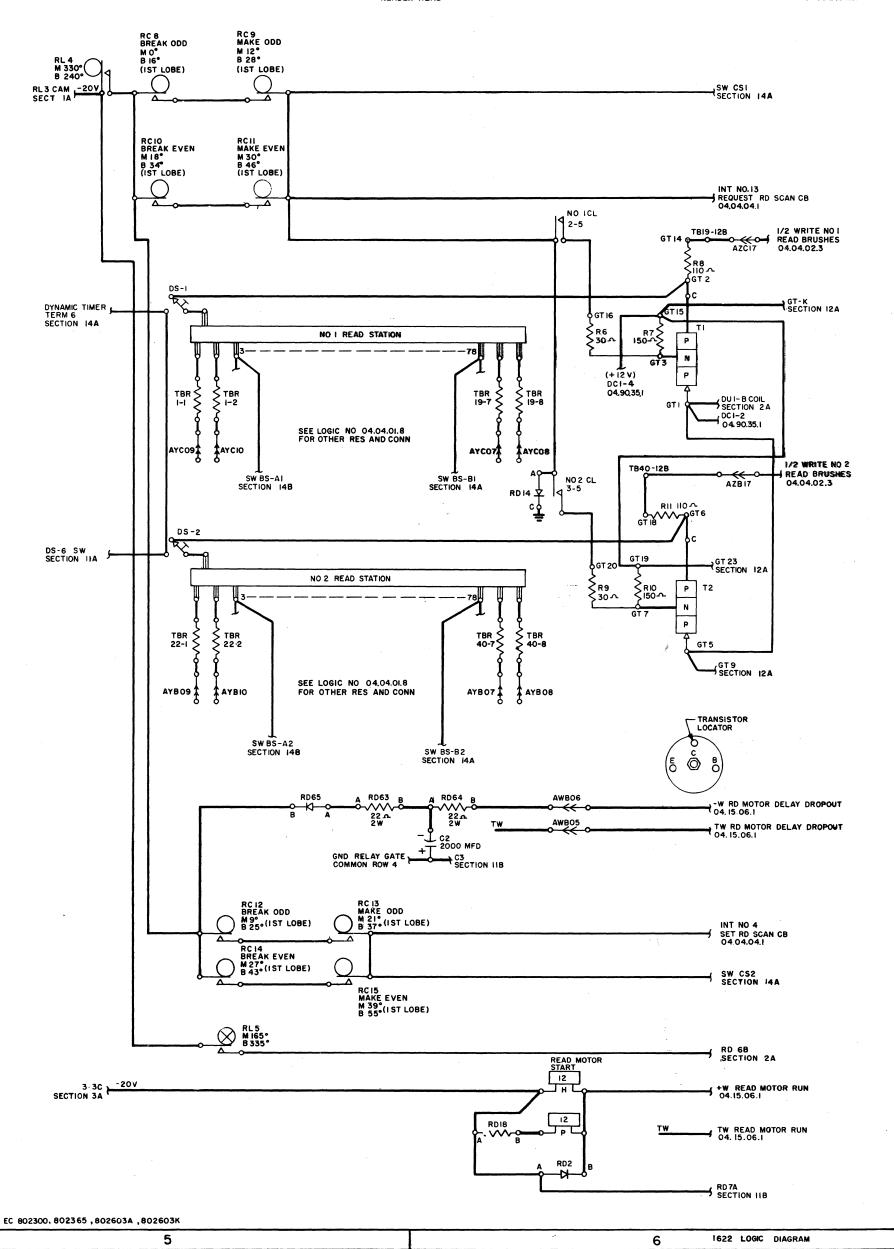
4

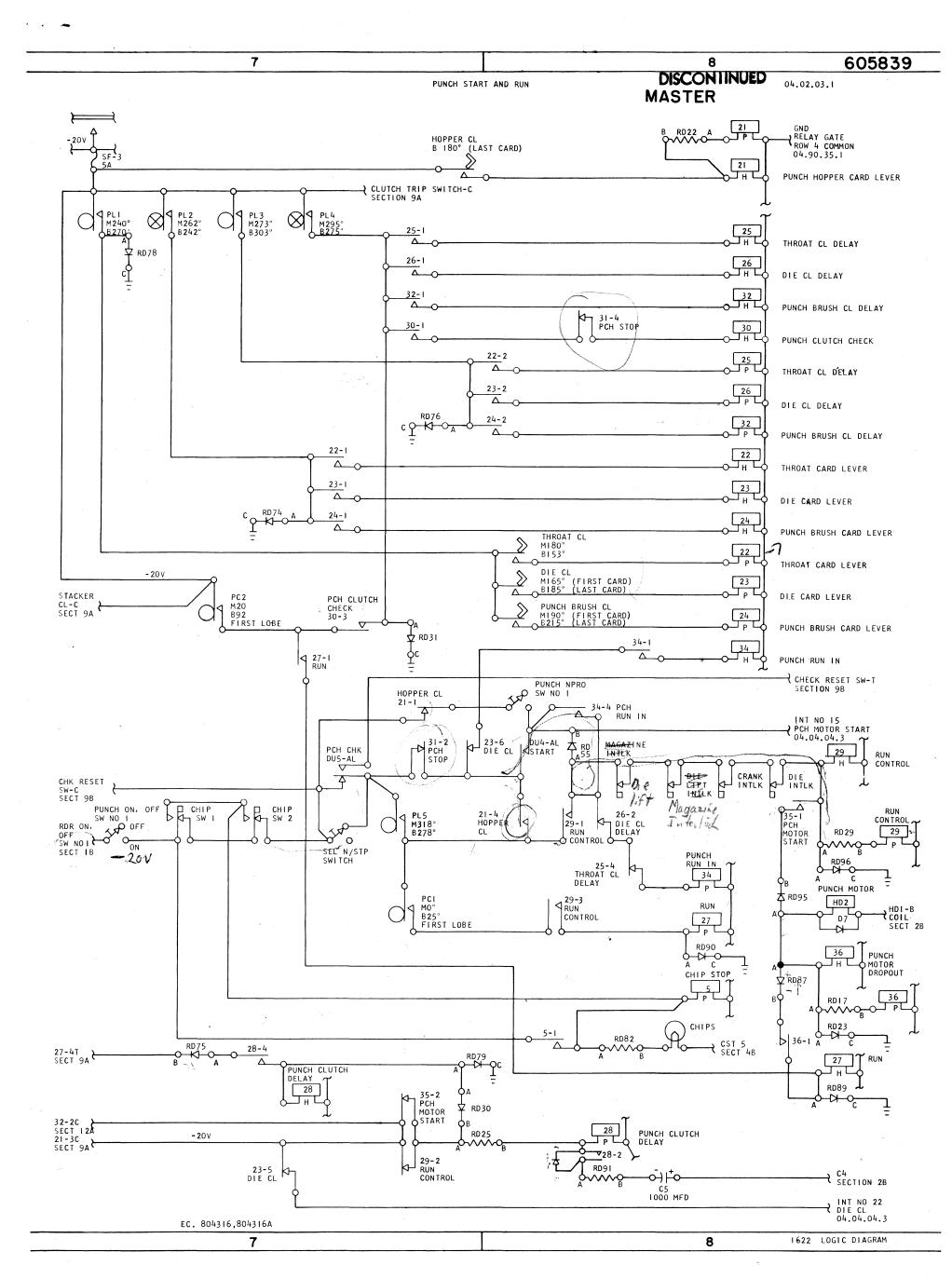
READ CHECK

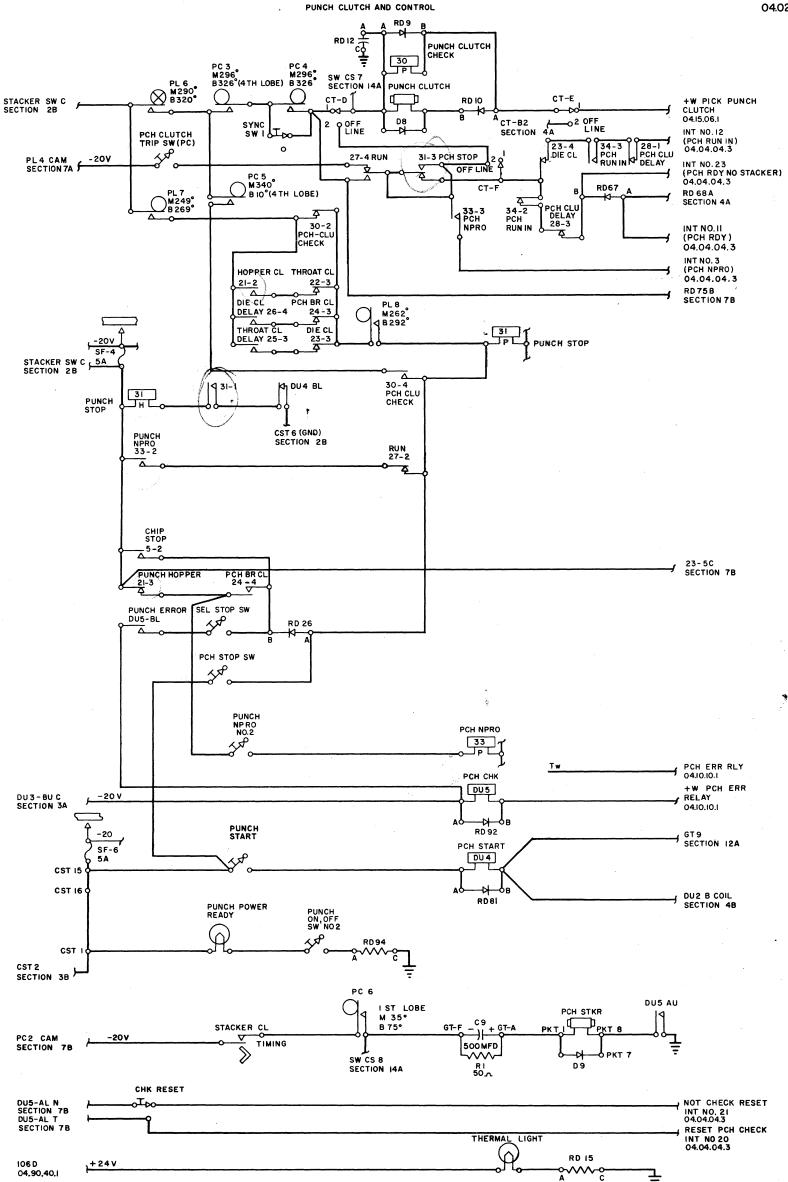
1622 LOGIC DIAGRAM

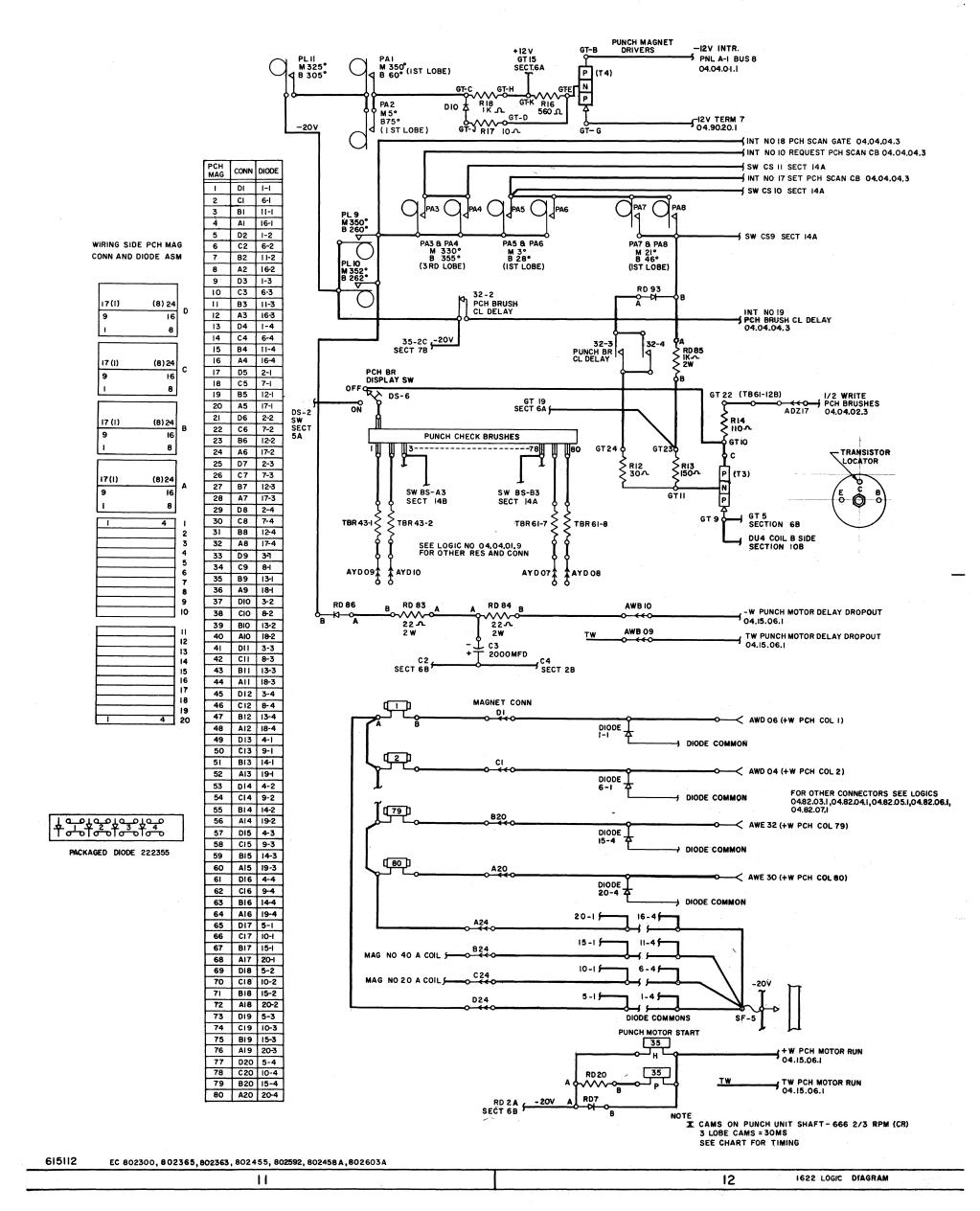
+W READ ERROR RELAY 04.10.10.1 TW READ ERROR RELAY

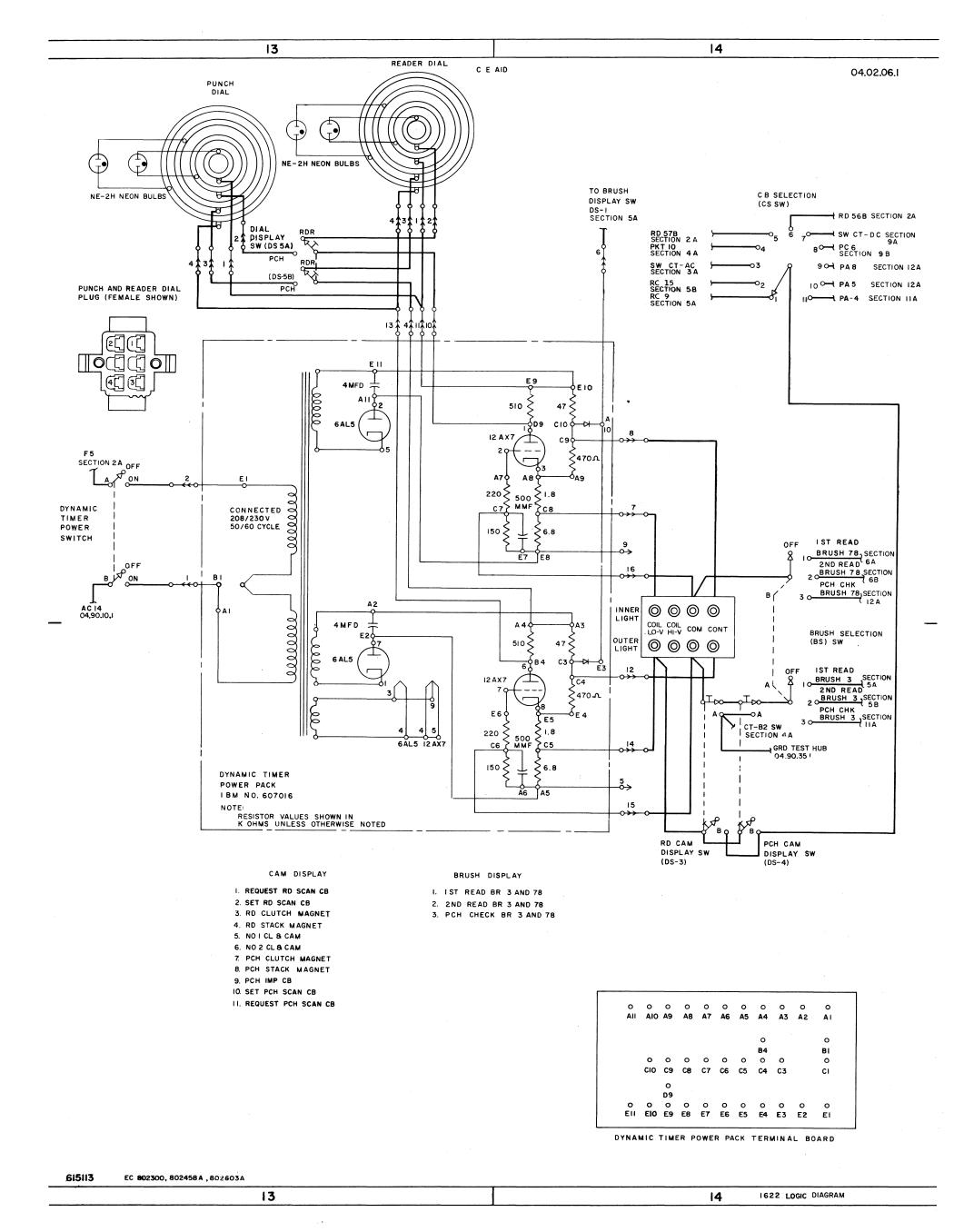
615109











### COVER INTERLOCKS

PUNCH	ΙB
TRANSPORT	
RIGHT FRONT	
RIGHT SIDE	
LEFT REAR	
LEFT SIDE	
LEFT FRONT	
RIGHT REAR	•

### PUNCH INTERLOCKS

TORON MITELEOUNG				
MAGAZINE	7B			
DIE LIFT	88			
CRANK	88			
DIE	88			

### MISCELLANEOUS SWITCHES

STACKER	28
JAM BAR	28

### CONTROL KEY AND LIGHT PANEL

	00.102
LIGHTS	LOC
PUNCH CHECK	3B
PUNCH READY	3B
POWER READY (PUNCH)	98
FUSE	2A
STACKER	28
TRANSPORT	28
CHIPS	88
THERMAL	108
READER CHECK	3B
READER READY	3B
POWER READY (READY)	3B

LOC
7B, 9B
7B, 9B
3B
9B
3B
28, 38
2B,4A,4A
IB, 3B
98
98
9B, 7B

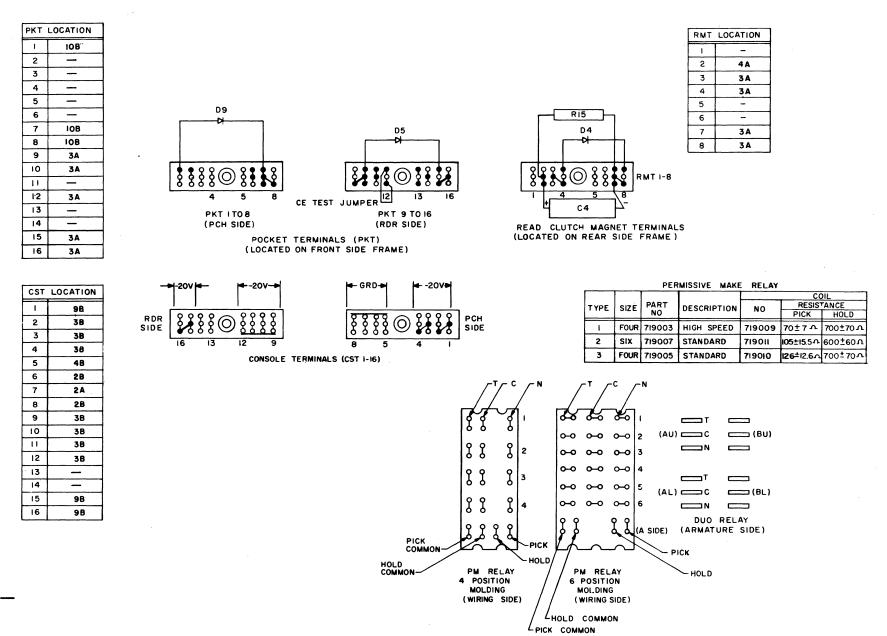
### VOLTAGE TEST-HUB

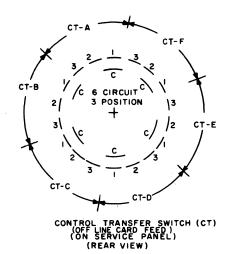
GND	04.90.35.1
L	
	<u> </u>

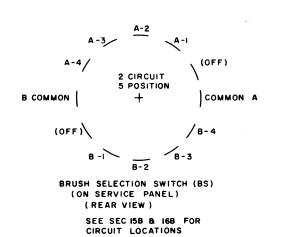
### SERVICE SWITCHES

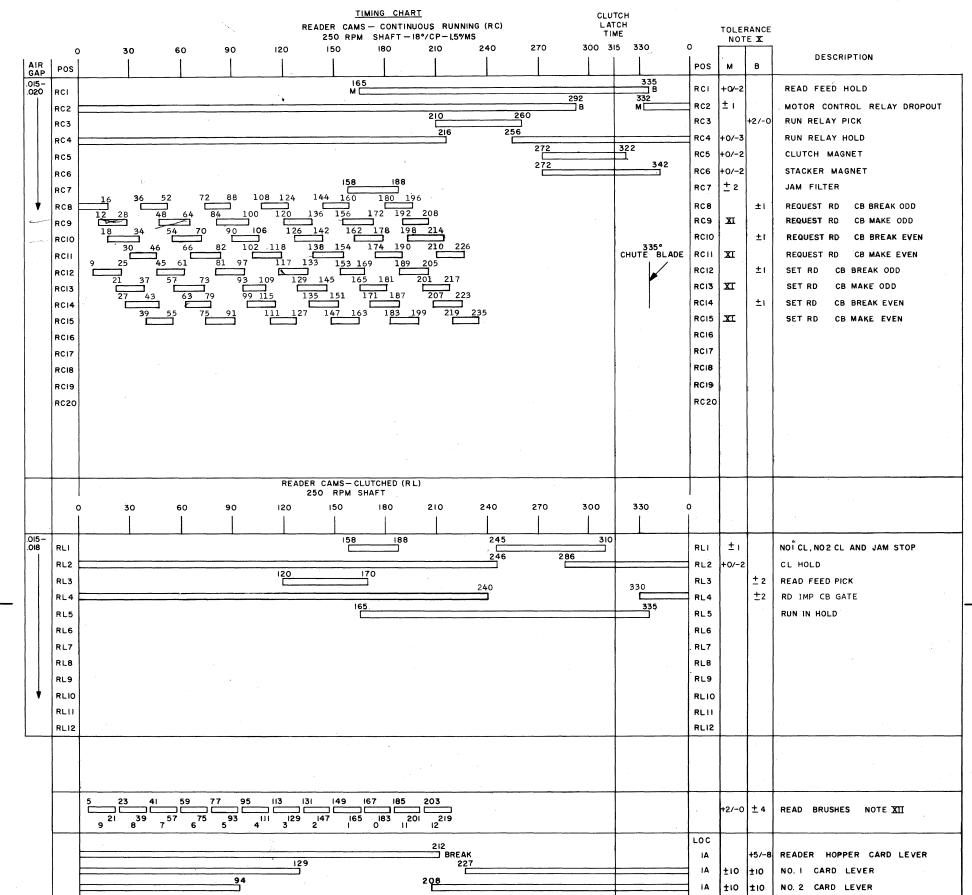
NAME	TYPE	CIRCUITS	LOCATION	USE	
DS-I	* MC	1	5A	IST READ BRUSH DISPLAY	
05-2	MC	1	5A	2ND READ BRUSH DISPLAY	
DS-3	MC	2	148	READ CAM DISPLAY	
DS-4	MC	2	148	PUNCH CAM DISPLAY	
PC	MC	1	9A	PUNCH CLUTCH TRIP	
RC	MC	1	3A	READ CLUTCH TRIP	
DS-5	TOGGLE	2	13A	DIAL SELECTION (READ OR PUNCH)	
TIMER	TOGGLE	2	13A	POWER ON TIMER	
cs	ROTARY	I-II POS	14A	CAM SELECTION	
BS A,B	ROTARY	2-5 POS	14B, I4A	BRUSH SELECTION	
CT A-E	ROTARY	6-2 POS	3A,4A,4A,9A,10A	OFF LINE CARD FEED	
SYNC	МС	1	9A	SYNCS PUNCH CLUTCH PULSES	
RS	TOGGLE	2	IB,04.04.05.i	OVER RIDE INTERLOCK SWITCH	
AI,A2	TOGGLE	2	04.90.35.1	MARGINAL CHECK	
SW2 1-2	TOGGLE	2	04.90.40.1	AC POWER CONTROL	
DS-6	MC	1	IIA	PUNCH BRUSH DISPLAY	

\* MOMENTARY CONTACT









NOTE

- X TOLERANCE ON ALL CAMS TO BE ±4° UNLESS OTHERWISE NOTED.
- XI ADJUST MAKE TIME TO GIVE NOT MORE THAN 5° NOR LESS THAN 3° OVERLAP WITH BREAK CAM.
- WHEN CHECKING BRUSH TIMINGS:

  1. USE ALTERNATE HOLES IN COLS 3 AND
  78 TO AVOID TIMING ERROR INDICATIONS
  CAUSED BY BACK CIRCUITS.

  2. THE RD ERROR BYPASS SWITCH AND
  OVERRIDE INTERLOCK SWITCH MUST BE
  OPERATED TO BYPASS ERROR INDICATIONS.

## READER CAMS CONTINUOUS RUNNING (RC)-11/16" DIA 250 RPM

200	1.00	DA DT NO	DESCRIPTION		RETURN	CAM JUMPER		
POS	LOC	PART NO	LOBES	DUR	VOLTS	CAM SIDE		
RC I	IA	602121	ı	170°	-20	o q		
RC 2	IB	602128	ı	320°				
RC 3	IB	602113	1	50°	-			
RC 4	IB	602128	1	320°	-20	oo		
RC 5	3A	602113	1 .	50°	-20	· • •		
RC 6	3A	602114	1	70°	-20	o o		
RC 7	2A	602110	ı	30°	-	o o		
RC 8	5 A	602132	6	180	-20			
RC 9	5A	602132	6	18°				
RCIO	5A	602132	6	180	-20	૧ ≪)		
RCII	5A	602132	6	180				
RC 12	5B	602132	6	180	-20	P <		
RC 13	5B	602132	6	180		\ \ \		
RC 14	5B	602132	6	180	-20	9 0		
RC 15	5B	602132	6	18°				
RC 16								
RC 17								
RC 18								
RC 19								
RC 20								
*****								
	<b>†</b>		1	1				

### CLUTCHED CAMS (RL) - 1 1/16" DIA 250 RPM

PO'S	LOC	PART NO	DESCR	IPTION	RETURN	CAM JUMPER
P03	LOC	PART NO	LOBES	DUR	VOLTS	CAM SIDE
RL I	IA	609326	2	30/65°	-20	٥٩
RL 2	IA	602128	1	320°	-20	0 0
RL 3	IA	602113	ı	50°	-20	0 0
RL 4	5A	608607	1	2700	-20	0 0
RL 5	5B	602121	1	170°	-20	00
RL 6						0 0
RL7						0 0
RL. 8						0 0
RL9						0 0
RL 10						0 0

## PUNCH CAMS CONTINUOUS RUNNING (PC)-2" DIA 125 RPM

200		DA DT NIG	DESCR	IPTION	RETURN	CAM JUMPER
POS	LOC	PART NO	LOBES	DUR	VOLTS	CAM SIDE
PC I	7B	255425	4	25°	-	0 0
PC 2	7A	255472	4	72°	-20	0 0
PC 3	9 A	255430	4	30°	-	<u>ა</u> ე
PC 4	9A	255030	ı	30°	-	0/0
PC 5	9A	255430	4	30°	-	00
PC 6	: 9B	255440	4	40°	-20	0 0
PC 7						· · ·
PC 8	·					
PC 9						

### CONTINUOUS RUNNING (PA) - I" DIA 666 2/3 RPM

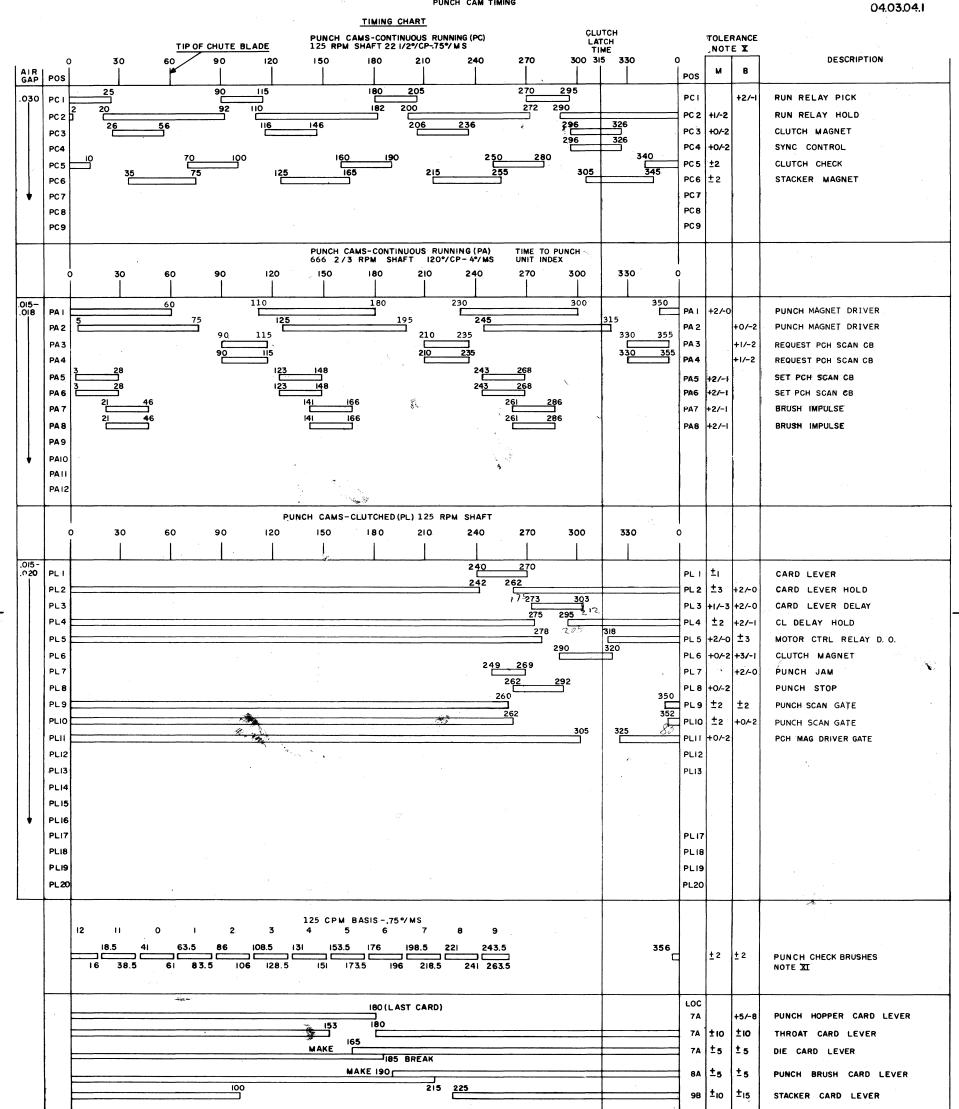
POS	LOC	PART NO	DESCR	IPTION	RETURN	CAM JUMPER
PUS	LUC	PART NO	LOBES	DUR	VOLTS	CAM SIDE
PA I	IIA	607592	3	70°	-20	Υ P
PA 2	FFA	607592	3	70°	-20	99
PA. 3	HA	609029	3	25 °	_	99
PA 4	HA	609029	3	25°	-	6 6
PA 5	I IA	609029	3	25°	-	የ የ
PA 6	IIA	609029	3	25°	-	
PA 7	IIA	609029	3	25°	-12	PP
PA 8	HA	609029	3	25°	-12	, Y P
PA 9						0 0
PA IO						0 0
PA II						
PA 12						

### CLUTCHED CAMS (PL) - 1 1/16" DIA - 125 RPM

200		5457 116	DESCR	IPTION	RETURN	CAM JUMPER
POS	LOC	PART NO	LOBES	DUR	VOLTS	CAM SIDE
PL I	7A	607114	1	30°	-20	٥ ٩
PL 2	7A	602129	ı	340°	-20	0 0
PL 3	7A	607114	1	30°	-20	0 0
PL 4	7A	602129	1	340°	-20	0.0
PL 5	7B	602128	1	320°	-	0 0
PL 6	9A	607114	ı	30°	-20	٥٩
PL 7	9 A	607730	l l	20°	- 20	0 0
PL 8	9A	607114	ı	30°	-	0 0
PL 9	IIA	608607	ı	270°	-	
PL 10	IIA	608607	1	270°	-	
PL II	IIA	602129	ı	340°	-20	0 0
PL 12						0 0
PL 13						0 0
PL 14						0 0
PL 15						0 0
PL 16						0 0
PL 17	184					
PL 18	11.7					
PL 19						
PL 20						

22

PUNCH CAM TIMING



NOTES

X TOLERANCE ON ALL CAMS TO BE ±4° UNLESS OTHERWISE NOTED

XI WHEN CHECKING BRUSH TIMINGS USE ALTERNATE HOLES IN COLUMNS 3 AND 78 TO AVOID TIMING ERROR INDICATIONS CAUSED BY BACK CIRCUITS

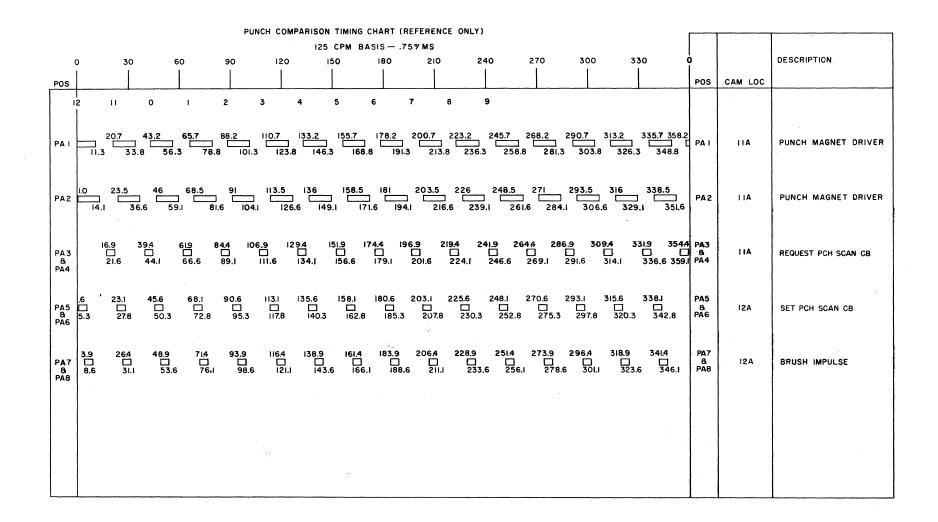
615118

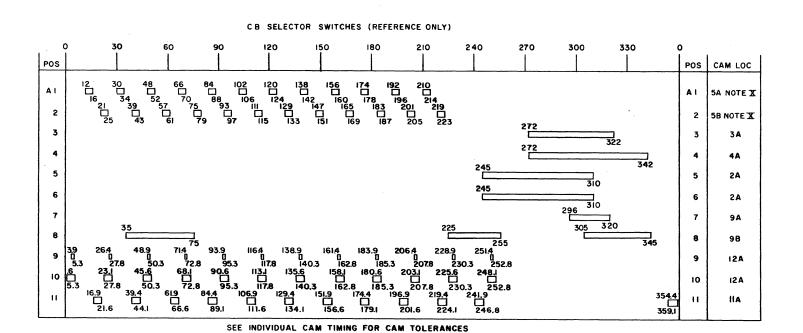
EC 802300,802365, 802458 A, 802603A, 802603G

23

24

1622 LOGIC DIAGRAM





NOTE

CB SELECTOR SWITCH POSITIONS I AND 2
ADJUST MAKE TIME TO GIVE NOT MORE
THAN 5° NOR LESS THAN 3° OVERLAP
WITH BREAK CAM.

615119

EC 802300,802458A,802603A

25

26

1622 LOGIC DIAGRAM

PHYSICAL

LOCATION

RELAY GATE

RELAY GATE
PWR SEQUENCE PANEL

ELECTRONIC CE PANEL

ELECTRONIC CE PANEL

ELECTRONIC CE PANEL

ELECTRONIC CE PANEL

MARG METER PANEL

MARG METER PANEL

MARG METER PANEL

PWR SEQUENCE PANEL

RD CL MAGNET

RESISTORS

WATTS PART NO

50 5.0 609522 RELAY GATE

609423

609393

609423

2102326

609393

609423

2102626

609393

316029

615414

603212

615420

328451

2114246

315970

315970

315970

2128831

2128833

2128831

2128831

0.5 443793

110 2

10

10

10

2

2

30

150

110 2

30 10

150

110

100 5

560

1.0 5

200

390

1000

1000

16000 0.5

1000 2

150 10 2102626 RELAY GATE

DIAGRAM

IOB

6A

6A

64

64

GA

124

12A

12A

3A

12 A

II A

HA

04.90.40.1

04.04.05.1

22 04.04.05.1 1000 1

25 04.90 45.1 32000 0.5

26 0490 45.1 16000 0.5

27 04.90.45.1 16000 0.5

28 04.90 45.1 100

21 04.04.05.1

23 04.04 05.1 24 04.90.45.l

NO:

8

9

10

П

12

13

14

15

16

17

18

19

20

### RESISTOR, CAPACITOR, AND DIODE LOCATIONS

### ON RELAY GATE RESISTOR DIODES (RD 1-48)

	RESIS	TOR (	OODES	(RD I-48)
POS	LOC	OHMS	WATTS	PART NO *
ı	2 A	IK	•	315970
2	6B			A
3	1A			802175
4	2B			Α
5	ιB			802175
6	2A			802175
7	118			Α
8	2 <b>B</b>	150	2	719343
9	IOA			Α
10	IOA			805231
11	4B			802175
12	9 A	1/2MFD	CAPAC	513570
13	2A			A
14	6 A		-	Α
15	IOB	390	1	2114246
16	2 A	<del></del>	1	802175
17	8B	150	2	719343
18	68	150	2	719343
19	48	130	<u> </u>	802175
20	118	150	2	719343
21	3B	240	1	609416
22	8A	150	2	719343
23	88	130	<del>  -</del>	A A
24	2B		-	802175
25		150	-	719343
26	8B 9B	150	2	802175
27			-	
28	3B		<del> </del>	802175
<u> </u>		150	<u> </u>	710747
30	88	150	2	719343
<u> </u>	8B		-	802175
31	7B	<del></del>	<del> </del>	A
32	3A	240	<u> </u>	609416
33-1,2	-	<u> </u>	<del> </del>	I=A , 2=B
34	3A		ļ	
35	3B	240	<u> </u>	609416
36	L		<u> </u>	
37	2B		ļ	Α
38	28	<b> </b>	<u> </u>	Α
39	28	ļ	ļ	Α
40	2B		<u> </u>	802175
41	2B	150	2	719343
42	2B	10	1	609417
43				
44	3B	240	1	609416
45	28			A
46				
47	2 A			802175
48	28	240	1	609416
	,			

### ON RELAY GATE

04.03.06.1

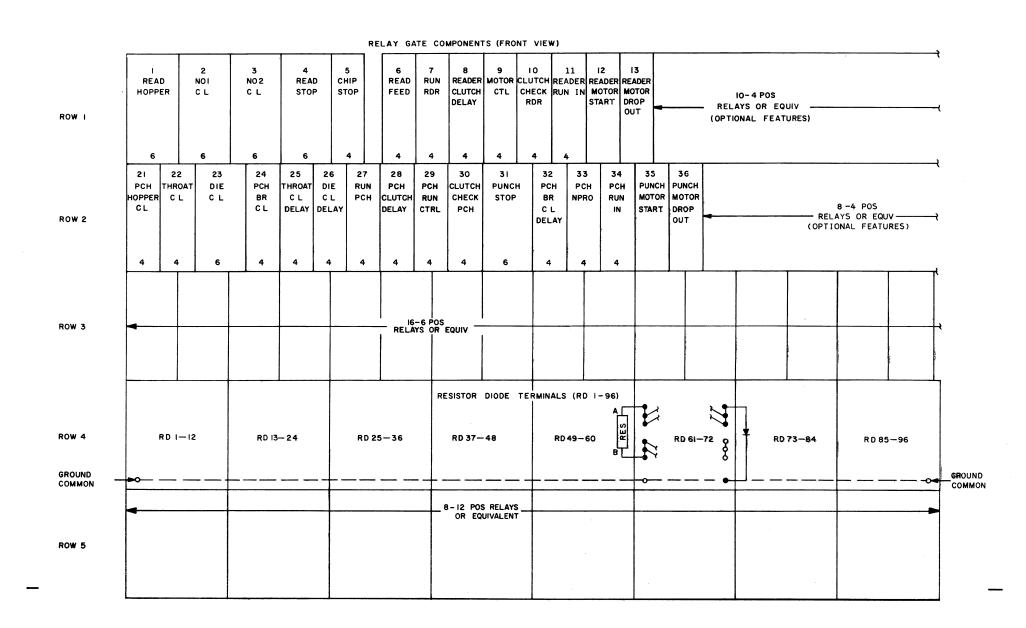
1	RESIST	OR D	IODES	(RD 49-96)
POS	LOC	онмѕ	WATTS	PART NO *
49	4A			805231
50	3A			Α
51-1,2	2A			I= A , 2=B
52				
53	2B			802175
54	2B	150	2	719343
55	88			802175
56	2A			802175
57	2 A			802175
58	IA		-	Α
59	<u> </u>	<b>-</b>		
60	3B	<b></b> -		802175
61	2A	240	1	609416
62		_	1	609416
63	3A	240	<u> </u>	
	5B	22	2	471803
64	6B	22	2	471803
65	5B	200	<del> </del>	805231 609416
66	28	240	<u>'</u>	
67	10 A	<b>-</b>	<b> </b>	В
68	44	ļ	ļ	В
69	44			3
70	4A	L		В
71	48			Α
72.				
73	L		į	
74	7A			A
75	78			802175
76	7A			A
77	48			Α
78	7A			Α
79	88			A
80				
81	IOB			Α
82	88	240	1	609416
83	118	22	2 /	471803
84	IIB	22	2	471803
85	12A	1000	2	2103552
86	IIB	1		805231
87	8B	<del> </del>	<b>†</b>	802175
88	<del> </del>	<del>                                     </del>	<b>†</b>	<u> </u>
89	8B	<del>                                     </del>	<del>                                     </del>	Α
90		<del>                                     </del>	<del>                                     </del>	A
91	88	10	1	609417
92	108	<del> </del>	+	441318
93	12A	├	-	
94	<del></del>	240	1	802175
	108	240	1	609416
95	8B	├	<del> </del>	802175
96	88	<del> </del>	-	A
L	1	l	l	1

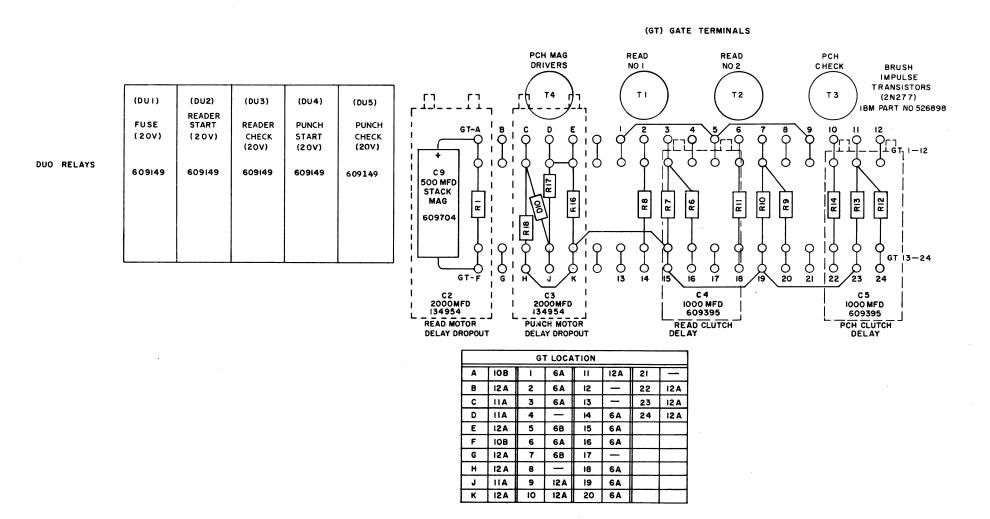
*		PART NUMBER	
A	_	441318 - DIODE	ASM
В	_	615354 - DIODE	ASM

		0	HODES
NO	DWG LOC	PART NO	PHYSICAL LOCATION
ī			
2			
3	2B	609397	HDI COIL - CONT PANEL
4	3A	609414	RD CLU MAGNET COIL
5	3B	609414	RD STACK MAG COIL
6			
7	8B	609397	HD2 COIL-CONT PANEL
8	iOA	609397	PCH CLU MAGNET COIL
9	IOB	609414	PCH STKR MAGNET COIL
10	IIA	599917	RELAY GATE
1-1	128	222355	DIODE AND CONNECTOR ASM
то			
20-4	•	+	<b>+</b>
L			
L			
	L		
L			

			CA	PACITORS		
	NO	DWG LOC	MFD	VOLTS	PART NO	PHYSICAL LOCATION
	1	3A	500	25 DC	609490	RD CLU MAG
	2	5A	2000	.60DC	134954	RELAY GATE
	3	IIB	2000	60DC	134954	RELAY GATE
1	4	86 2 B	1000	25 DC	609395	RELAY GATE
1	5	29 8 B	1000	25 D C	609395	RELAY GATE
	6					
	7					
V	8	04.04.05.1	l	200DC	2103102	ELECTRONIC CE PANEL
	9	IOB	500	25DC	609704	RELAY GATE

2.7





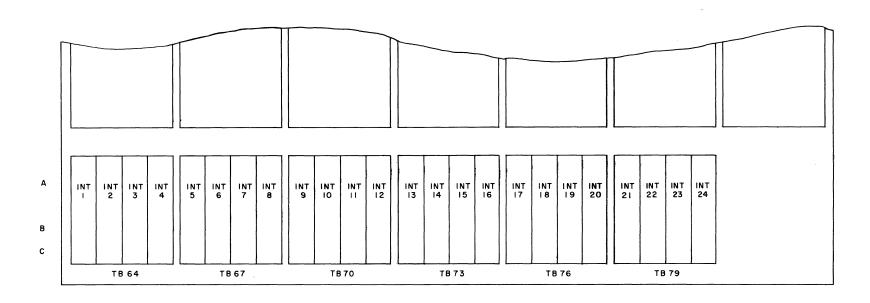
615121 EC 802300,802365,802455,802603A,802603G

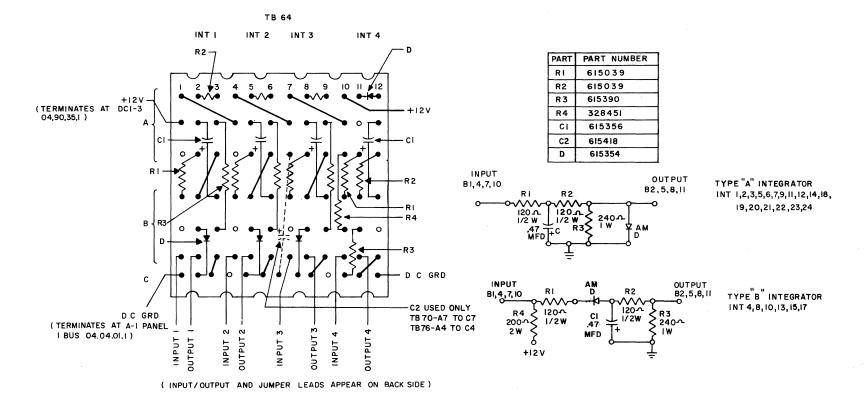
29

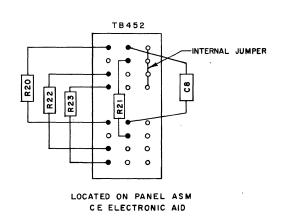
30

1622 LOGIC DIAGRAM

# READ RESISTORS AND INTEGRATORS GATE D COMPONENT SIDE







INT	LOGIC
1	04.04.04.1
2	04. 04.04. 1
3	04. 04.04.3
4	04. 04. 04. 1
5	04.04.04.1
6	04.04.04.1
7	04.04.04.1
8	04.04.04.1
9	04.04.04.1
10	04.04.04.3
11	04.04.04.3
12	04.04.04.3
13	04.04.04.1
14	04.04.04.1

### DISCONTINUED

04.03.09.1

A 3.3 ±0.2 609005 READ CLUTCH MAGNET COIL  OA 110 +0.5 609073 PUNCH CLUTCH MAGNET COIL			
OA HO FOR COORTS DUNCH CLUTCH MACHET COU	3 ±0.2 609005 READ CLUTCH MAGNET COIL		
DA   II.O   ±0.5   609073   PUNCH CLUTCH MAGNET COIL	0 ±0.5 609073 PUNCH CLUTCH MAGNET COIL	L	

RELAY LOCATIONS

### **MASTER**

### HEAVY DUTY RELAYS

RELAY	COIL	CONTA	CONT B	T1,2	L1,2	PART NO	DESCRIPTION
HD I	2B	04.90.10.1	T			609154	READ MOTOR
HD 2	88	04.90.10.				609154	PUNCH MOTOR
К2	04.90.40	D.I	o	4.90.10,1	04.9010.1	212 8748	208V AC MAIN LINE
	-						· · · · · · · · · · · · · · · · · · ·

### DUO RELAYS

DELAY	COILS		CONTACT POINTS				PART NO	DESCRIPTION	
RELAY	P	Н	ΑU	BU	ΑL	BL	PARTNO	DESCRIPTION	
DUI	2 A		IΑ	ΙB			609149	FUSE	
D·U2	4B		2B	2B	4 B	4 B	609149	READER START	
DU3	4B		ΙB	3 B	3 B	4B	609149	READER CHECK	
DU4	IOB				8 B	9 A	609149	PUNCH START	
DU5	IOB		IOB	3B	7 B	9B	609149	PUNCH CHECK	
<u> </u>									
L .			1		l	L			

#### PM RELAYS

05,	СО	ILS			CONTAC	T POIN	ΓS		25002127.20	0:75	
RELAY	Р	Н	1	2	3	4	5	6	DESCRIPTION	SIZE	TYPE
ı	2 A	2 A	28	2B	2B	3 A	3 B	3 A	READ HOPPER CL	6	2
2	2 A	2 A	2A	2B	3 A		6 A	3 B	NOICL	6	2
3	2 A	2 A	2 A	28	3 A	4A	6 A	2 A	NO 2 C L	6	2
4	2 <b>A</b>	3 B	3 B	4 A		38	2 B	4 A	READ STOP	6	2
5	8B		88	94					CHIP STOP	4	3
6	2 A	2 A	2 A		3 A	IA			READ FEED	4	1
7	2 B	2B	2 B	3A	3 A	3 B			RUN - READER	4	3
8	2 B	28	4A	2B	4 A	28			RUN - DELAY - READ	4	3
9	2B	2B	2 B	1 B	2B	2 B			MOTOR CTRL-RDR	4	3
10	3 A	2 A	2 A	IA					READ CLUTCH CHECK	4	ı
11	2B	2 A	2 A	4 A	4A	2 <b>B</b>			READER RUN IN	4	1
12	6 B	6 B	I B	3 B					READ MOTOR START	4	3
13	2B	28	1B						READ MOTOR DROPOUT	4	3
14											
15											
16											
17											
18											
19											
20											
21	8 A	8 A	7 B	9 A	9 A	8 B			PUNCH HOPPER C L	4	3
22	8 A	8.8	7A	8 A	9 A				THROAT C L	4	1
23	8 A	8 A	7A	8 A	9 A	104	7B	8 B	DIE CL	6	2
24	8 A	8.4	7 A	8 A	9 A				PUNCH BR C L	4	1
25	88	8 A	7 A		9 A	8 B			THROAT CL DELAY	4	. 1
26	8 A	8 A	7 A	88		9 A			DIE CL DELAY	4	1
27	8B	8B	7 B	IOA	3 A	9 A			RUN - PUNCH	4	3
28	8B	7B	IOA	88	10 A	7B			PUNCH CLUTCH DELAY	4	3
29	8B	8B	88	78	8B				PUNCH RUN CONTROL	4	3
30	IOA	A 8	7 A	94	7 <b>A</b>	10 A			PUNCH CLUTCH CHECK	4	ı
31	104	9 A	9 A	7B	IOA	7A			PUNCH STOP	6	2
32	8 A	8 A	7 A	. 112	12A	12 A			PUNCH BR CL DELAY	4	1
33	108			9A	10 A				PUNCH NPRO	4	1
34	8 B	8B	8 B	IOA	10A	8 B			PUNCH RUN IN	4	1
<b>3</b> 5	12B	12B	88	7B					PUNCH MOTOF START	4	3
36	8B	88	8B				-		PUNCH MOTOR DROPOUT	4	3

(SEE LOGIC 04.03.01.1 FOR RELAY TYPE CHART)

EC. 804316,804316A

PART NO

2128689

2128689

2128689

2128696

615421

615421

615421

615421

FANS

READY

NORMAL

THERMAL

-12 V SENSING

+12V SENSING

-20V SENSING

POWER ON

NAME

NO

101

102

103

104

106

108

109

34 1622 LOGIC DIAGRAM

COIL

04.90.40.1 04.90.40.1

04.90.45.1 04.90.40.1

04.90.40.1 04.90.40.1

04.90.40.1

04.90.10.1

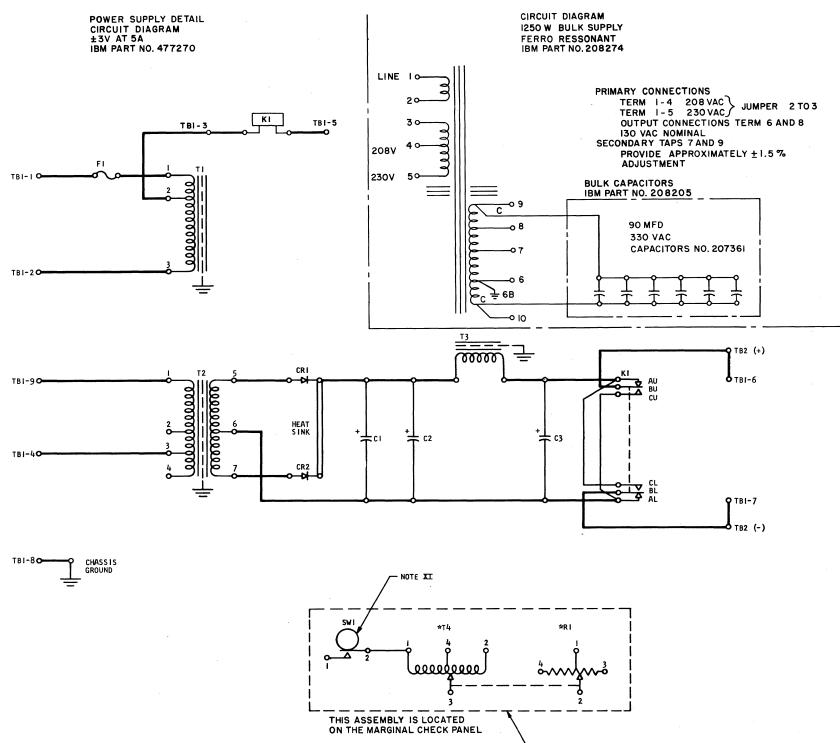
04 90 40 1 04.90.40.1 04.90.40.1

04.90.40.1 04.90 40.1

04 90.40.1 04.90.40.1

04.90.40.1



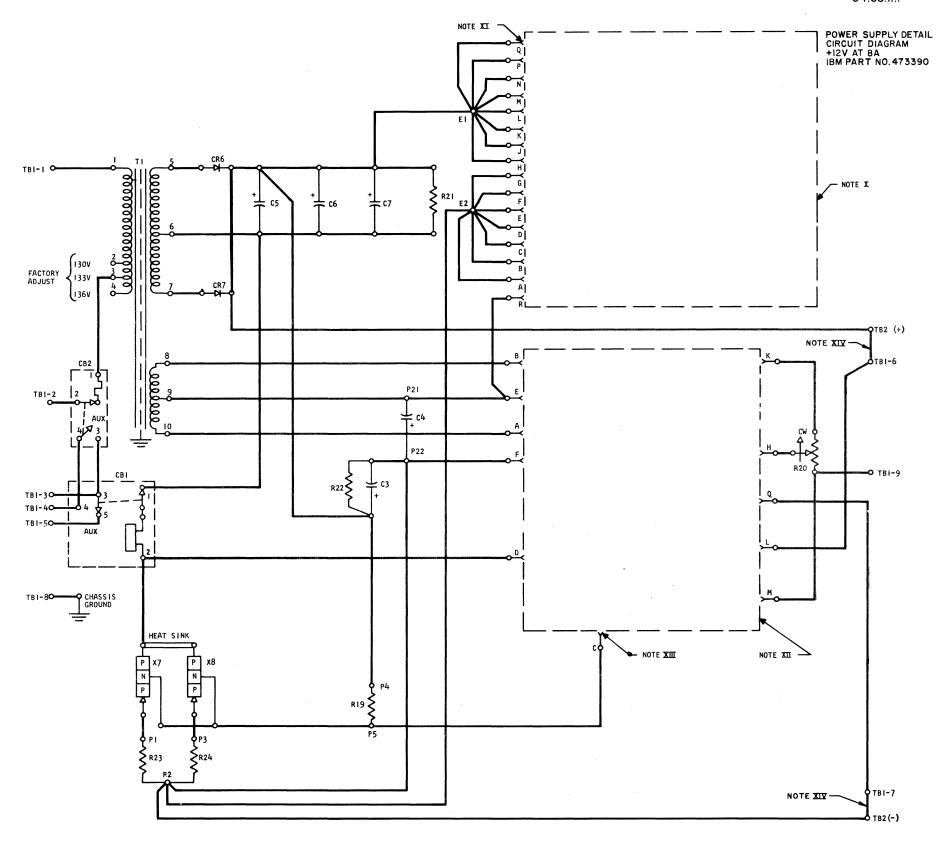


COMPONENT CHART									
CODE	PART NO.	DESCRIPTION	CODE	PART NO.	DESCRIPTION				
C1-3	598343	CAPACITOR 25,000 MFD 6V DC	SWI	228093	MICRO SWITCH				
CR 1-2	598479	RECTIFIER CELL	TI	219994	TRANSFORMER AUTO				
			T2	220596	TRANSFORMER ISOLATION				
FI	78952	FUSE 0.8 AMPS	Т3	219993	FILTER CHOKE				
-			*T4	208993	TRANSFORMER VARIABLE, AUTO				
ΚI	208257	RELAY							
			TBI		TERMINAL BLOCK				
≭RI	207376	RHEOSTAT 1 OHM 100W	TB2		TERMINAL BLOCK				

NOTES

X VOLTAGE ADJUSTMENT ASSEMBLY 220815
WIRING LIST, VOLTAGE ADJUSTMENT TO POWER SUPPLY
VARIAC I TO TBI-2
2 TO TBI-3
3 TO TBI-9
4 TO TBI-4
RHEOSTAT I TO TBI-6
2 TO TBI-7
SWITCH I TO TBI-5
\* INDICATES COMPONENTS ON ASSEMBLY
XI SWITCH I ACTUATING CAM ON SHAFT OF \*T4

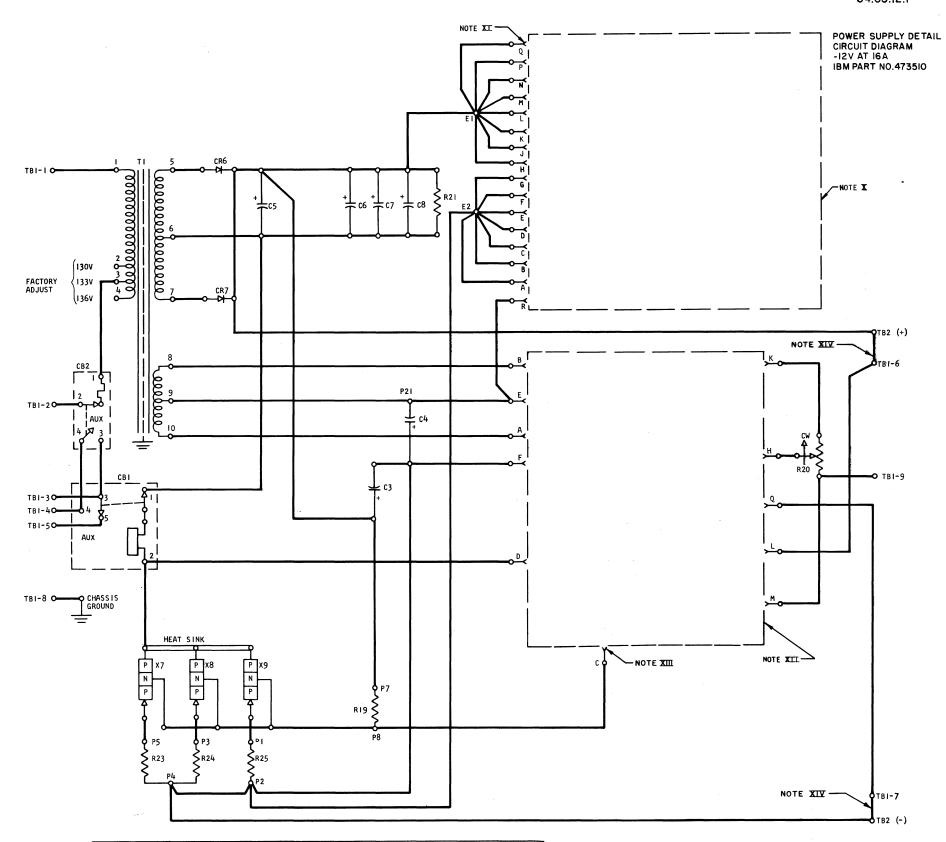
NOTE X



		COMPO	NENT CHART			
CODE	PART NO. DESCRIPTION		CODE	PART NO.	DESCRIPTION	
			R20	207340	POTENTIOMETER 250 OHM 1/2W	
С3	208230	CAPACITOR 7,000MFD 13V DC	R21	528139	RESISTOR 100 OHM 5W	
C4	207310	CAPACITOR 100 MFD 25V DC	R22	321200	RESISTOR 330 OHM IW	
C5-7	501544	CAPACITOR 10,000 MFD 25V DC	R23-26	207324	RESISTOR O.I OHM 5W	
CBI	208204	CIRCUIT BREAKER				
CB2	220915	CIRCUIT BREAKER				
			TI	473466	TRANSFORMER	
CR6-7	598479	RECTIFIER CELL				
E 1-2	2102430	CONNECTOR	ТВІ		TERMINAL BLOCK	
			TB2		TERMINAL BLOCK	
A & B		RECEPTACLE	X7-10	369214	TRANS ISTOR	
RI9	335138	RESISTOR 200 OHM 2W				

NOTES X XI XII

OVERVOLTAGE CARD ASSEMBLY 370576
UNIT RECEPTACLE "B"
FOR REFERENCE TO GROUND USE COMPONENT CARD
ASSEMBLY 370610
UNIT RECEPTACLE "A"
FOR REMOTE SENSING REMOVE JUMPERS
INDICATED AND SENSE BETWEEN TBI-6 AND TBI-7

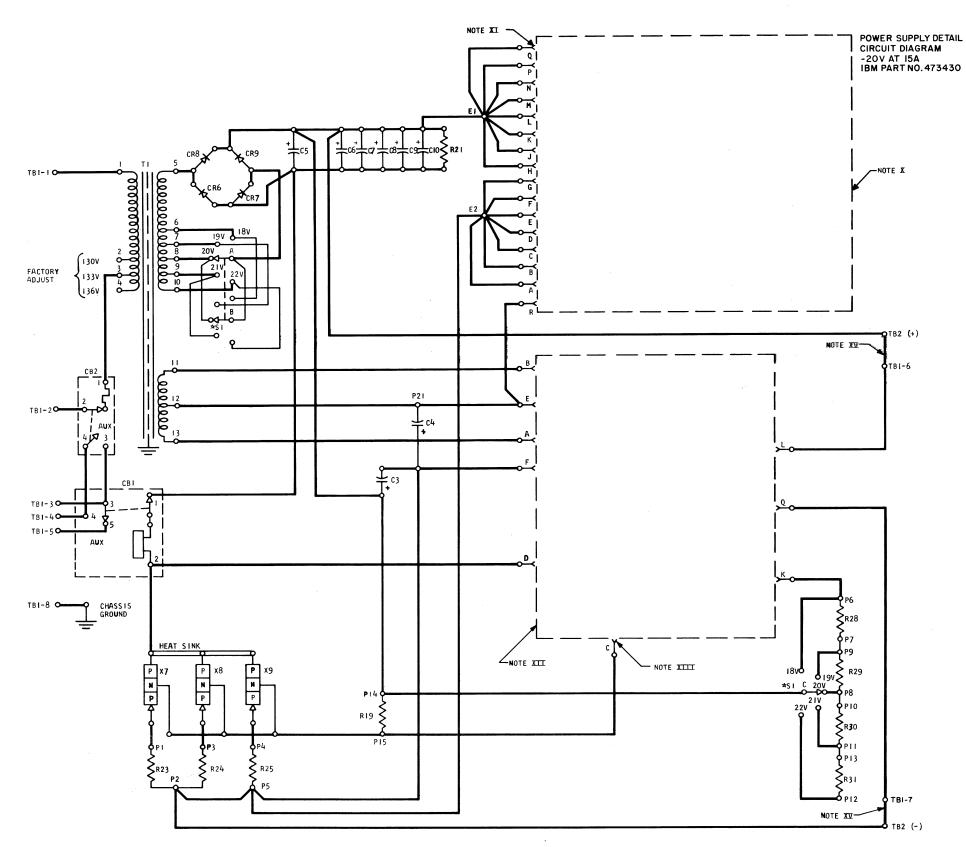


		COMPO	NENT CHART	•		
CODE	PART NO.	DESCRIPTION	CODE	PART NO	DESCRIPTION	
			R20	207340	POTENTIOMETER 250 OHM 1/2W	
С3	208228	CAPACITOR 5,000 MFD 19V DC	R21	221517	RESISTOR 75 OHM IOW	
C4	208229	CAPACITOR 700 MFD 15V DC				
c5-8	208221	CAPACITOR II,000 MFD 19V DC	R23-25	207324	RESISTOR O.I OHM 5W	
CBI	207350	CIRCUIT BREAKER				
CB2	220917	CIRCUIT BREAKER				
			TI	473596	TRANSFORMER	
CR6-7	127324	RECTIFIER CELL				
E1-2	2102430	CONNECTOR	TBI		TERMINAL BLOCK	
			TB2		TERMINAL BLOCK	
А&В		RECEPTACLE	x <b>7-</b> 9	369214	TRANS ISTOR	
R19	335138	RESISTOR 200 OHM 2W				

NOTES X XI XII

OVERVOLTAGE CARD ASSEMBLY 370576
UNIT RECEPTACLE "B"
FOR REFERENCE TO GROUND USE COMPONENT CARD
ASSEMBLY 370610
UNIT RECEPTACLE "A"
FOR REMOTE SENSING REMOVE JUMPERS INDICATED
AND SENSE BETWEEN TBI-6 AND TBI-7

04.03.13.1



		COMP	ONENT CHART	Γ	
CODE	PART NO.	DESCRIPTION	CODE	PART NO.	DESCRIPTION
C3	208238	CAPACITOR 10,000 MFD 33V DC	R21	208825	RESISTOR 25 OHM 50W
C4	208229	CAPACITOR 700 MFD 15V DC			
C5-10	208238	CAPACITOR 10,000 MFD 33V DC	R23-25	20 <b>7</b> 324	RESISTOR O.I OHM 5W
			R28-31	207365	RESISTOR 200 OHM 5W
CBI	207350	CIRCUIT BREAKER			
CB2	220918	CIRCUIT BREAKER	SI	504297	SWITCH
			ΤI	473416	TRANSFORMER
CR6-9	127324	RECTIFIER CELL			
51.0	0.001.00	COMICATOR	H		TERMINAL PLACE
E1-2	2102430	CONNECTOR	TBI		TERMINAL BLOCK
			TB2		TERMINAL BLOCK
A & B		RECEPTACLE	<b>x7-</b> 9	369214	TRANSISTOR
R19	207336	RESISTOR 250 OHM 5W			

NOTES

XI OVERVOLTAGE CARD ASSEMBLY NOT USED

XII UNIT RECEPTACLE "B"

XIII COMPONENT CARD ASSEMBLY 3706II

XIIII UNIT RECEPTACLE "A"

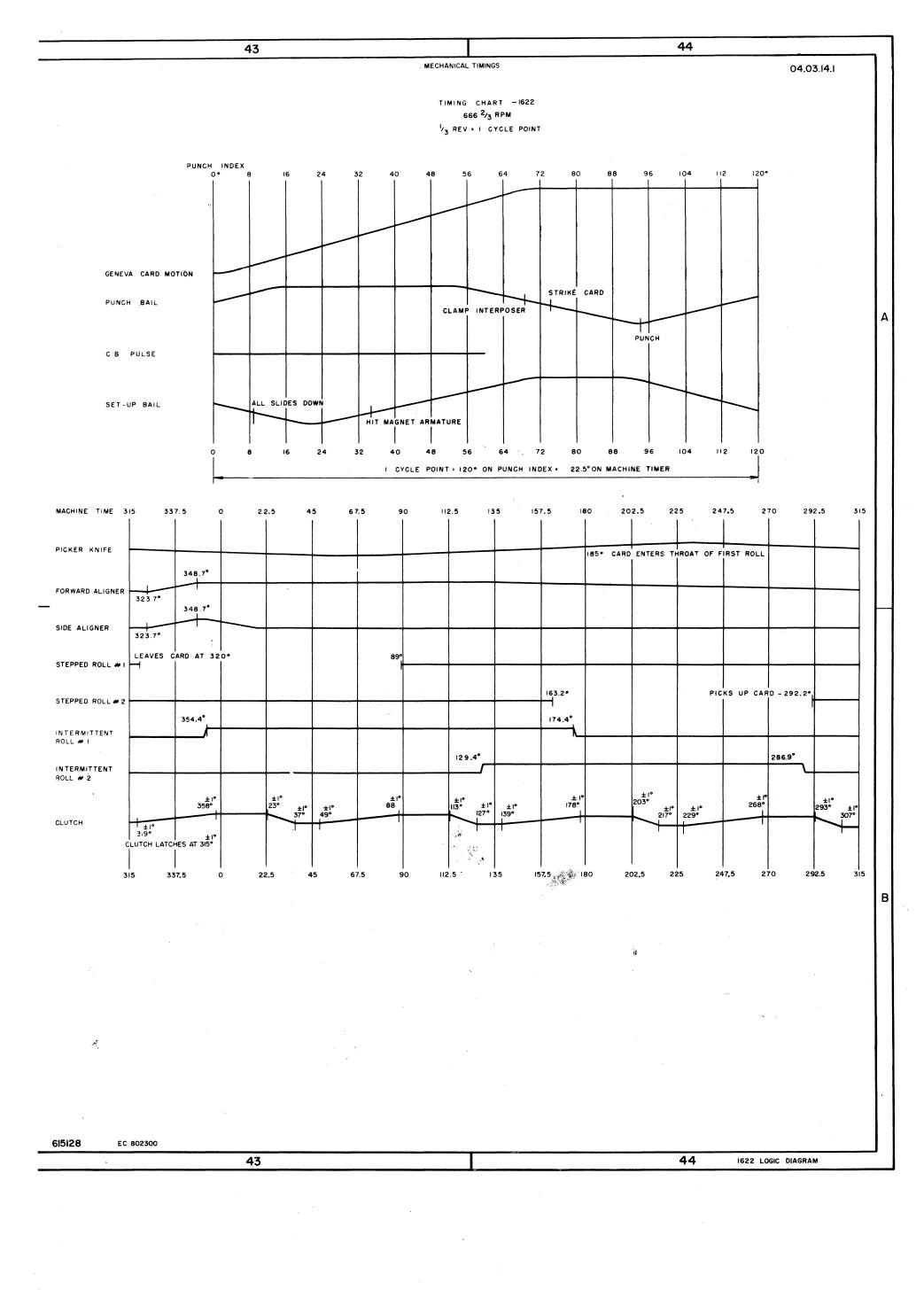
XIV \*SWITCH (SI) MUST NOT BE TURNED WITHOUT UNLOADING SUPPLY BY OPENING CBI

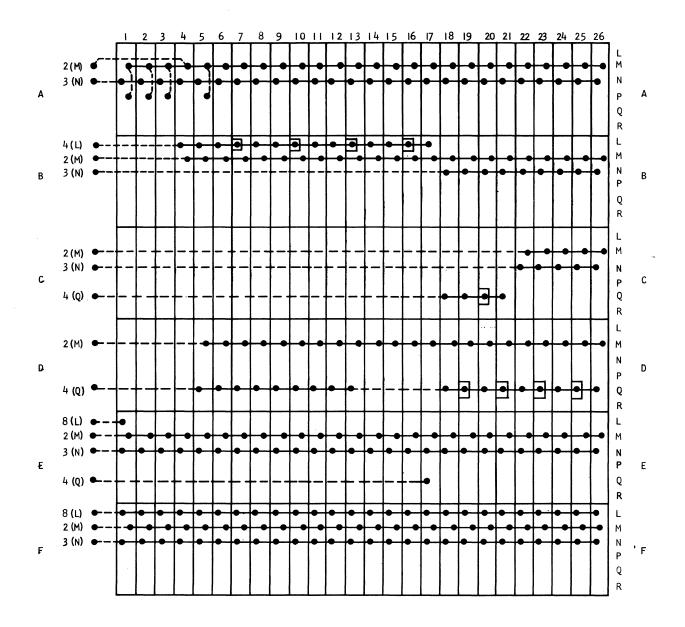
XV FOR REMOTE SEMSING REMOVE JUMPERS INDICATED AND SENSE BETWEEN TBI-6 AND TBI-7

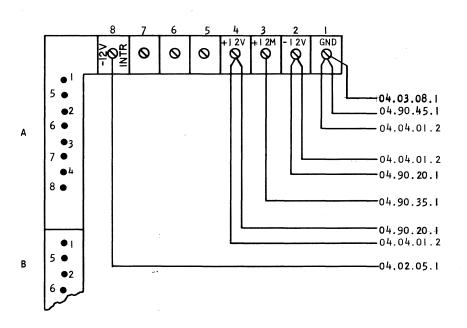
615127 EC802300,802603A

42

1622 LOGIC DIAGRAM







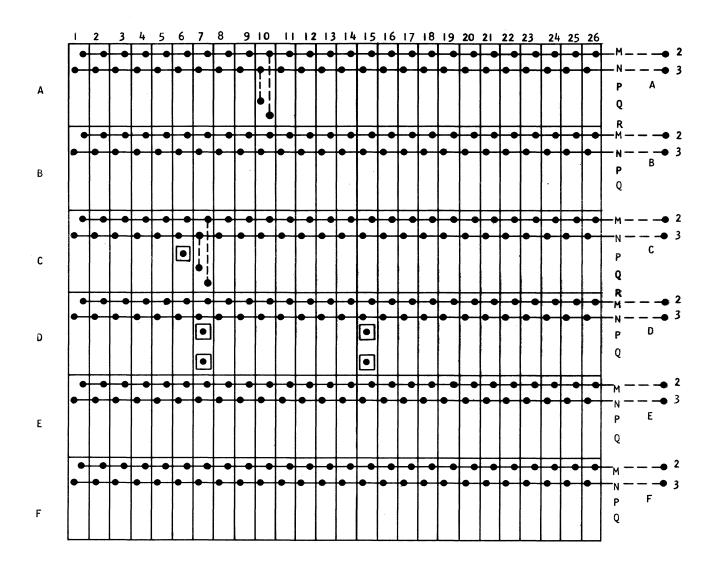
### NOTES

PART NO 124589
15 MFD 20V CAPACITOR TO J PIN

---- INDICATES JUMPER WIRE

- INDICATES VOLTAGE CHAIN

PIN J GROUND ON ALL SOCKETS:



### NOTES

1622

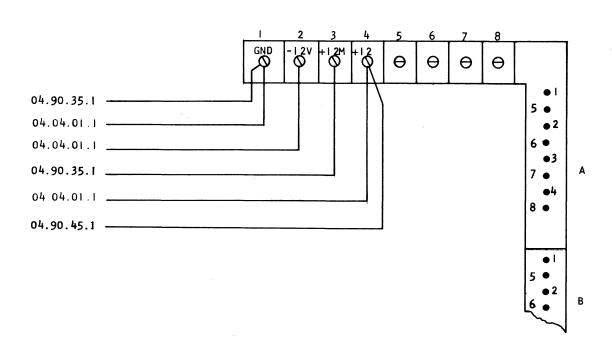
\_\_\_\_ INDICATES JUMPER WIRE

--- INDICATES VOLTAGE CHAIN

PIN J GROUND ON ALL SOCKETS

PART NO 615417..0068 MFD 1000 V CAPACITOR ASSEMBLED TO PINS AT FOLLOWING LOCATIONS

D07-B TO D08-J D07-Q TO D08-J D15-F TO D16-J D15-P TO D16-J C06-A TO C06-J



W	CO	LILL	FC	TA	DC

П		<u> </u>	NNECTORS	VID.	l vr	
Н	WA	WB	WC	WD	WE	
Щ		04.04.04.3		04.82.03.1	04.82.07.1	
2		04.04.04.3	04.04.04.1	04.82.03.1	04.82.07.1	-
3		04.04.04.3	04.04.04.1	04.82.03.1	04.82.06.1	
4		04.04.04.3	04.04.04.1	04.82.03.1	04.82.06.1	1-11-11
5		04.02.02.1	04.04.04.1	04.82.03.1	04.82.07.1	
6		04.02.02.1	04.04.04.1	04.82.03.1	04.82.07.1	
7		04.04.04.1	04.04.04.1	04.82.03.1	04.82.07.1	
8		04.04.04.1	04.04.04.1	04.82.03.1	04.82.07.1	
9		04.02.05.1	04.04.04.1	04.82.03.1	04.82.07.1	
10		04.02.05.1	04.04.04.1	04.82.03.1	04.82.07.1	
11		04.15.06.1	04.04.04.1	04.82.03.1	04.82.07.1	
12		04.15.06.1	04.04.04.1	04.82.03.1	04.82.07.1	
13		04.15.06.1	04.04.04.1	04.82.03.1	04.82.07.1	
14		04.15.06.1	04.04.04.1	04.82.03.1	04.82.07.1	
1.5		04.04.04.3	04.04.04.1	04.82.03.1	04.82.07.1	
16		04.04.04.3	04.04.04.1	04.82.03.1	04.82.07.1	
17		04.04.04.3	04.04.04.3	04.82.03.1	04.82.07.1	
18		04.04.04.3	04.04.04.3	04.82.03.1	04.82.07.1	
19		04.04.04.3	04.04.04.3	04.82.03.1	04.82.07.1	
20		04.04.04.3	04.04.04.3	04.82.03.1	04.82.07.1	
21		04.04.04.1	04.04.04.3	04.82.03.1	04.82.07.1	
22		04.04.04.1		04.82.03.1	04.82.07.1	
23		04.04.04.3	04.04.04.3	04.82.03.1	04.82.07.1	
24		04.04.04.3	04.04.04.3	04.82.03.1	04.82.07.1	
25		04.04.04.1	04.15.06.1	04.82.03.1	04.82.07.1	
26		04.04.04.1	04.15.06.1	04.82.03.1	04.82.07.1	
27		04.04.04.3	04.15.06.1	04.82.03.1	04.82.07.1	
28		04.04.04.3	04.15.06.1	04.82.03.1	04.82.07.1	
29			04.10.10.1	04.82.03.1	04.82.07.1	
30			04.10.10.1	04.82.03.1	04.82.07.1	
31		04.04.04.3	04.10.10.1	04.82.04.1	04.82.07.1	
32		04.04.04.3	04.10.10.1	04.82.04.1	04.82.07.1	
<u></u>	l	1 - 110 110 119	1	10 02.0 1.1	1	I

### X CONNECTORS

		X CONNE	<del></del>	<b>†</b>	
$\vdash$	XA	XB	XC	XD	XE
14		04.04.01.8	04.04.01.8	04.04,01.9	04.82.06.1
2					04.82.06.1
3					04.82.06.1
4					04.82.06.1
5					04.82.06.1
6					04.82.06.1
7					04.82.06.1
8					04.82.06.1
9					04.82.06.1
ю					04.82.06.1
					04.82.06.1
12					04.82.06.1
13					04.82.06.1
14					04.82.06.1
15					04.82.06.1
16					04.82.06.1
17	***************************************				04.82.06.1
18					04.82.06.1
19				1	04.82.06.1
20					04.82.06.1
21					04.82.06.1
22					04.82.06.1
23	•				04.82.06.1
24					04.82.06.1
25					04.82.06.1
26					04.82.06.1
27					04.82.06.1
28		<del>                                     </del>		1.	04.82.06.1
29		<b>T</b>			04.82.06.1
30		<u> </u>		1 1	04.82.06.1
31		† †	1	<del>                                     </del>	04.82.07.1
32		1 1	1 1	1 1	04.82.07.1
12		<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·	104.02.0/.1

1622

### Y CONNECTORS

	- COMPLETIONS								
	YA	ΥB	YC	YD	YE				
	04.83.05.1	04.04.01.8	04.04.01.8	04.04.01.9	04.82.04.1				
2	04.83.05.1				04.82.04.1				
3	04.83.05.1				04.82.05.1				
4	04.83.05.1				04.82.05.1				
5	04.83.05.1				04.82.05.1				
6	04.83.05.1				04.82.05.1				
7	04.83.05.1				04.82.05.1				
8	04.83.05.1				04.82.05.1				
9	04.83.05.1				04.82.05.1				
10	04.83.05.1		·		04.82.05.1				
11	04.83.05.1				04.82.05.1				
12	04.83.05.1				04.82.05.1				
13	04.83.05.1				04.82.05.1				
14	04.83.05.1				04.82.05.1				
15	04.83.04.1				04.82.05.1				
16	04.83.04.1				04.82.05.1				
17	04.83.04.1				04.82.05.1				
18	04.83.04.1				04.82.05.1				
19	04.83.04.1				04.82.05.1				
20	04.83.04.1				04.82.05.1				
21	04.83.06.1				04.82.05.1				
22	04.83.06.1				04.82.05.1				
23	04.83.06.1				04.82.05.1				
24	04.83.06.1				04.82.05.1				
25	04.83.06.1				04.82.05.1				
26	04.83.06.1				04.82.05.1				
27	04.83.06.1				04.82.05.1				
28	04.83.06.1				04.82.05.1				
29	04.83.06.1				04.82.05.1				
30	04.83.06.1				04.82.05.1				
31					04.82.05.1				
32		<u> </u>	<b>.</b>	•	04.82.05.1				

		;	CONNECTORS		•
	ZA	ZB	ZC	ZD	ZE
	04.83.01.1	04.04.01.8	04.04.01.8	04.04.01.9	04.82.04.1
2	04.83.01.1				04.82.04.1
3	04.83.01.1				04.82.03.1
4	04.83.01.1				04.82.03.1
5	04.83.01.1				04.82.04.1
6	04.83.01.1				04.82.04.1
7_	04.83.01.1				04.82.04.1
8	04.83.01.1				04.82.04.1
9	04.83.01.1				04.82.04.1
10	04.83.01.1				04.82.04.1
11	04.83.01.1				04.82.04.1
12	04.83.01.1				04.82.04.1
1.3	04.83.01.1				04.82.04.1
14	04.83.01.1				04.82.04.1
	04.83.04.1				04.82.04.1
	04.83.04.1			1	04.82.04.1
	04.83.04.1	04.02.02.1	04.02.02.1	04.02.05.1	04.82.04.1
	04.83.04.1				04.82.04.1
	04.83.06.1				04.82.04.1
	04.83.06.1				04.82.04.1
	04.83.06.1				04.82.04.1
	04.83.06.1				04.82.04.1
	04.83.04.1				04.82.04.1
	04.83.04.1				04.82.04.1
	04.83.04.1				04.82.04.1
	04.83.04.1				04.82.04.1
	04.83.06.1				04.82.04.1
	04.83.06.1				04.82.04.1
	04.83.06.1				04.82.05.1
_	04.83.06.1		<u> </u>		04.82.05.1
	04.83.04.1				04.82.04.1
	04.83.04.1				04.82.04.1

	PLA	NE	SIDE	PIN	СО	NNECTOR	RI	SISTOR	IST RO
1	7		Α	7	. A	YC 09	ŢĒ	3R [+]	
			1	6		10		1-2	2
			1	5		11		1-3	3
-				4	Н	12		1-4	4
- ,			C	3	H	14		1-5 1-6	5.
			Ť	4	Н	15	-	1-7	7
				5	Н	16		1-8	8
				6		17		1-9	9
				7		18		1-10	10
			A	12		19		1-11	11
			-	11	L	20		1-12	12
			$\vdash$	10	$\vdash$	21	Н	4-1	13
		_	+	09	$\vdash$	22	$\vdash$	4-2 4-3	14
, ,			С	08	H	24		4-4	16
			İΤ	09	T	25		4-5	17
				10		26		4-6	18
				11		27		4-7	19
/		<u> </u>	<u> </u>	12	L	28		4-8	20
	<u> </u>	$\vdash$	A	17	+	29	$\vdash$	4-9	21
	<b>-</b>	$\vdash$	++	16	$\vdash$	30 31	$\vdash$	4-10 4-11	22
		$\vdash$	++	14	1	32	$\vdash$	4-11	24
			1	13	Ā	ZC OI	Г	7-1	25
			С	13	Ė	02		7-2	26
			$\Box$	14		03		7-3	27
	<u> </u>	<u> </u>	1	15	L	04		7-4	28
	<del> </del>	<u> </u>	<del>  </del>	16	-	05	-	7-5	29
	$\vdash$	$\vdash$	A	22	+	06 07	$\vdash$	7-6 7-7	30 31
	<del>                                     </del>	<b>-</b>	tî	21	t	08		7-8	32
				20	T	09		7-9	33
				19		10		7-10	34
*	<u> </u>	<u> </u>	1	18	Ļ	11		7-11	35
		<u> </u>	C	18	┞	12		7-12	36
	<u> </u>	-	╁┼	19	╀	13	_	10-1	37
	<u> </u>	┢	$\vdash$	20	╁	14	-	10-2 10-3	38 <b>3</b> 9
			1	22	1	16		10-4	40
		5	Α	7	Α	XC OI		10-5	41
	_	<u> </u>	Ш	6	L	02	_	10-6	42
	<u> </u>	<u> </u>	$\sqcup \!\!\! \perp$	5	L	03		10-7	43
	<u> </u>	├	╁	4	╀	04	<u> </u>	10-8	44
	-	$\vdash$	C	3	+	05 06	$\vdash$	1 <b>0-</b> 9	45 46
		┢	١Ť	4	T	07	H	10-11	47
			TT	5	T	08		10-12	48
			Ш	6		09		13-1	49
		<u> </u>	1	7 .	1	10	<u> </u>	13-2	50
	<u> </u>	<del> </del>	1	12	+	11	$\vdash$	13-3	51
	$\vdash$	$\vdash$	++	10	+	12	$\vdash$	13-4 13-5	52 53
		<u> </u>	++	09	t	14	f	13-5	54
				08	T	15	$I^-$	13-7	55
			С	08 -		16		13-8	56
		<u> </u>	11	09	1	17	<u> </u>	13-9	57
		<u> </u>	++	10.	+	18	$\vdash$	13-10	58
	<b></b>	$\vdash$	++	11.	+	19 <b>2</b> 0.	$\vdash$	3-    3- 2	59 60
		$\vdash$	A	17	T	21	T	16-1	61
			LΪ	16		22		16-2	62
			$\prod$	15	匚	23		16-3	63
	<u> </u>	<u> </u>	+	14		24	-	16-4	64
	$\vdash$	$\vdash$	<u> </u>	13	+	25	$\vdash$	16-5	65
	<del> </del>	$\vdash$	C	13	T	26 27	T	16-6 16-7	66 67
				15	T	28		16-8	68
			$\prod$	16		29		16-9	69
٠, _			▼	17	1	30	$oxedsymbol{oxedsymbol{oxed}}$	16-10	70
	$\vdash$	$\vdash$	I A	22	+,	31	├	16-11	71
	<del> </del>	-	++	21	+-	32 VC 01	$\vdash$	16-12 19-1	72
	$\vdash$		++	19	╁	YC 01	t	19-1	73 74
		Г	1	18		03		19-3	75
,			Ç	18	I	04		19-4	76
			$\prod$	19	L	05	$oxedsymbol{oxedsymbol{oxed}}$	19-5	77
	<u> </u>	-	++	20	+	06	-	19-6	78
	H	-	++	21	+,	07 08	1	19-7 19-8	79 80
·			<u> </u>	1 44		¥ 00		12-0	1 00

PLANE		SIDE	PIN	CONNECTOR	RESISTOR	2ND RD BR NO
	3		_	AYB 09	TBR 22-1	BK NO
		<b>A</b>	6	10	22-2	2
		П	5	11	22-3	3
			4	12	22-4	4
			3	13	<b>22-</b> 5	5
		С	3	14	22-6	6
	<u> </u>	$\sqcup \!\!\! \perp$	4	15	22-7	7
	ļ	$\vdash$	5	16	22-8	8
	┡—	+	6	17	22-9	9
┢	-	A	7	18	22-10	
<u> </u>		T A	11	19	22-11	_
<del> </del>		H	10	21	25-1	13
┢	┢	H	09	22	25-2	14
$\vdash$	t	1	08	23	25-3	15
<b>一</b>	f	C	08	24	25-4	16
	T	ΙŤ	09	25	25-5	17
			10	26	25-6	18
			11	27	25-7	19
		1	12	28	25-8	20
		A	17	29	25-9	21
		Щ	16	30	25-10	22
<u> </u>	-	1	15	31	25-11	23
<u> </u>	-	$\coprod$	14	32	25-12	24
	-	1	13	AZB OI	28-1	25
_	-	C	13	02	28-2	26
<b> </b> -		++	14	03	28-3	27
<b> </b>	$\vdash$	++	15	04	28-4	28
$\vdash$	+	++	16	05 06	28-5 28-6	29 30
$\vdash$	$\vdash$	A	22	06	28-6	30
$\vdash$	$\vdash$	۱î	21	08	28-8	32
<b> </b>	t	H	20	09	28-9	33
	t	ff	19	10	28-10	34
	T	1	18	- 11	28-11	35
		С	18	12	28-12	36
			19	13	31-1	37
			20	14	31-2	38
		Ш	21	15	31-3	39
	<u> </u>	1	22	16	31-4	40
<u> </u>	<u> </u>	1 A	7	AXB 01	31-5	41
<u> </u>	┞—	₩.	6	02	31-6	42
<u> </u>	<del>                                     </del>	╁╁	5	03	31-7	43
<u> </u>	├—	$+ \pm$	4	04	31-8	44
	ļ		3	05	31-9	45
$\vdash$	┢	C	3	06	31-10	
$\vdash$	$\vdash$	++-	5	07 08	31-11	
$\vdash$	t	††	6	09	31-12 34-1	49
$\vdash$		1	7	10	34-2	50
		A	12	11	34-3	51
			11	12	34-4	52
			10	13	34-5	53
			09	14	34-6	54
		1	08	15	34-7	55
		С	08	16	34-8	56
<u> </u>	-	╀	09	17	34-9	57
<b>—</b>	-	++	10	18	34-10	+
<b>—</b>	$\vdash$	+ +	11.	19	34-11	T
$\vdash$	+	+-	12	20	34-12	T
$\vdash$	-	1-1	17 16	21	37-1	61
$\vdash$	1	++	15	22	37-2 37-3	62
		††	14	24	37-4	64
			13	25	37-5	65
		С	13	26	37-6	66
		$\prod$	14	27	37-7	67
			15	28	37-8	68
匚	匚	$\coprod$	16	29	37-9	69
		11	17	30	37-10	70
	-	A	22	31	37-11	
$\vdash$	_	++	21	32	37-12	T
<b>—</b>		++	20	AYB OI	40-1	73
$\vdash$	-	+ +	19	02	40-2	74
	-	C	18	03	40-3	75 76
1	<b></b>	1 7	19	05	40-4	77
┝	1				L <del>-</del> U-J	1 //
	$\vdash$	++			40-6	78
		H	20	06 07	40-6 40-7	78 79

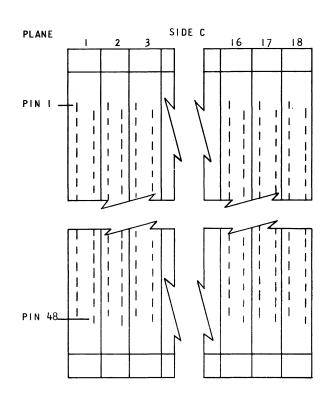
NOTE
SEE 04.04.01.5 FOR
CONNECTOR LOGIC
LOCATIONS.

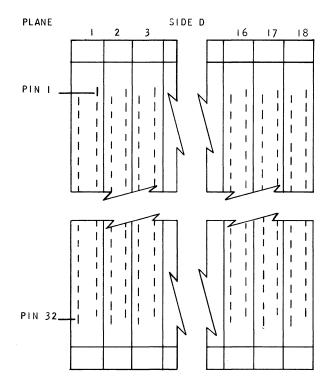
PLANE	SIDE	PIN	CONN	NECTOR		RESISTOR	PUNCH BR NO
3	Α	27	A١	(D 09	Т	BR 43-1	ı
		28		10		43-2	2
		29		11		43-3	3
		30		12		43-4	4
	•	31		13		43-5	5
	С	31		14		43-6	6
		30		15		43-7	7
		29		16		43-8	8
		28		17		43-9	9
	•	.27		18		43-10	10
	Α	32.		19		43-11	11
		33		20		43-12	l 2
		34		21		46-1	13
		35		22		46-2	14
	•	36		23		46-3	15
	С	36		24		46-4	16
		35		<b>2</b> 5		46-5	17
		34		26		46-6	18
		33		27		46-7	19
	•	32		<b>2</b> 8		46-8	20.
	Α	37		29		46-9	21
		38		30		46-10	22
		39	·	31		46-11	23
		40		32		46-12	24
	•	41	AZ	ZD 01		49-1	25
	С	41		02		49-2	26
		40		03		49-3	27
		39		04		49-4	28
		38		05		49-5	29
	•	37		06		49-6	30
	Α	42		07		49-7	31
		43		08		49-8	32
		44		09		49-9	33
		45		10		49-10	34
		46		- 11		49-11	35
	С	46		12		49-12	36
		45		13		52-1	37
		44		14		52-2	38
		43		15		52-3	39
1	•	42	1	1 16	7	52-4	40

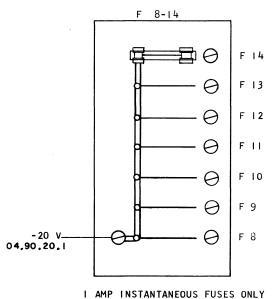
BI AND	CLDE	5	00	UNIT C 700	Γ.	25616700	PUNCH
PLANE	SIDE	PIN	CO	NNECTOR	Ľ	RESISTOR	BR NO
ı	A	27	A	10 DX	I	3R 52-5	41
		28		02		5 <b>2-</b> 6	42
		29		03		5 <b>2-</b> 7	43
		30		04		5 <b>2-</b> 8	44
	•	31		05		5 <b>2-9</b>	45
	С	31		06		5 <b>2-</b> 10	46
		30		07		5 <b>2-</b> 11	47
		29		08		5 <b>2-12</b>	48
		28		09		55-I	49
		27		10		55 <b>-2</b>	50
	Α	32		11		55-3	51
		33		12		55-4	52
		34		13		55 <b>-</b> 5	53
		35		14		55 <b>-</b> 6	54
		36		15		55 <b>-</b> 7	55
	С	36		16		55-8	56
		35		17		55-9	57
		34		18		55-10	58
		33		19		55-11	59
	•	32		20		55-12	60
	Α	37		21		58 <b>-</b> I	61
		38		22		58 <b>-2</b>	62
		39		23		58 <b>-3</b>	63
		40		24		58-4	64
	•	41		25		58 <b>-</b> 5	65
	С	41		26		58-6	66
		40		27		58 <b>-</b> 7	67
		39		<b>2</b> 8		58-8	68
		38		<b>2</b> 9		58-9	69
	•	37	Ц	30	Ц	58-10	70
	A	42	Ц	31	Ц	58-11	71
		43		32		58-12	72
		44	A'	YD 01		61-1	73
		45		02		61-2	74
		46		03		61-3	75
	С	46		04		61-4	76
		45		05		61-5	77
		44		06		61-6	78
		43		07		61-7	79
		42	1	08	1	61-8	80

NOTE
SEE 04.04.01.5 FOR
CONNECTOR LOGIC LOCATIONS.

MEMORY ARRAY READ LINES





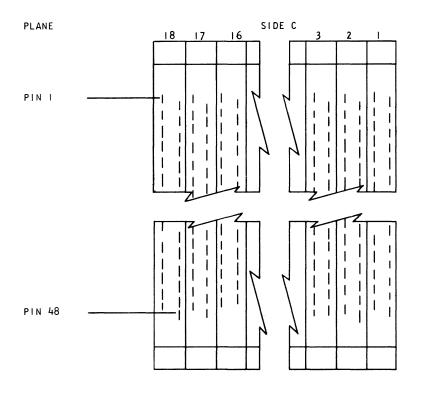


PART NUMBER 6325

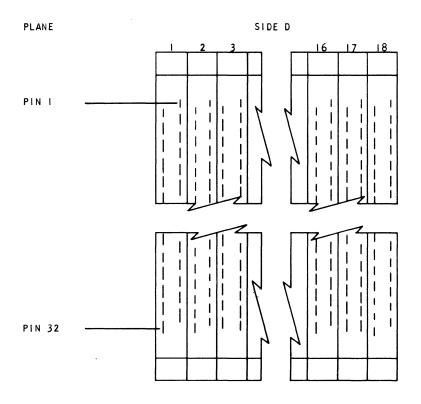
READ LINES SIDE C (BOTTOM SIDE) PLANE PIN NAME LOGIC 4 04.30.05.1 02 -R RD RDR T O 04.30.07.1 6 -R R/P RD T I 02 04.30.05.1 8 -R RD RDR T 2 02 04.30.07.1 10 -R R/P RD T 3 02 04.30.05.1 02 16 -R RD RDR T 4 02 18 -R R/P RD T 5 04.30.07.1 04.30.05.1 -R RD RDR T 6 02 20 04.30.07.1 02 22 -R R/P RD T 7 28 04.30.05.1 02 -R RD PCH T O 32 -R RD PCH T 2 02 04.30.05.1 02 40 -R RD PCH T 4 04.30.05.1 02 -R RD PCH T 6 04.30.05.1 -R R/P RD T 0 04.30.07.1 18 4 18 -R RD RDR T I 04.30.05.1 6 04.30.07.1 18 8 -R R/P RD T 2 18 10 -R RD RDR T 3 04.30:05.1 18 16 -R R/P RD T 4 04.30.07.1 04.30.05.1 18 18 -R RD RDR T 5 04.30.07.1 18 -R R/P RD T 6 20 18 -R RD RDR T 7 04.30.05.1 22 -R RD PCH T I 18 04.30.05.1 30 18 34 04.30.05.1 -R RD PCH T 3 18 42 -R RD PCH T 5 04.30.05.1 18 46 -R RD PCH T 7 04.30.05.1

	READ	LINES SIDE D (WIRE WRAP' SIDE)	
PLANE	PIN	NAME	LOGIC
02	10	-R R/P RD U I	04.30.06.1
02	14	-R R/P RD U 3	04.30.06.1
02	18	-R R/P RD U 5	04.30.06.1
02	22	-R R/P RD U 7	04.30.06.1
02	24	RDR PCH BUFR RD DRVR	04.30.04.1
02	26	-R R/P RD U 9	04.30.06.1
18	8	-R R/P RD U O	04.30.06.1
18	12	-R R/P RD U 2	04.30.06.1
18	16	-R R/P RD U 4	04 30.06.1
18	20	-R R/P RD'U 6	04.30.06.1
18	24	-R R/P RD U 8	04.30.06.1
18	26	RDR PCH BUFR RD DRVR	04.30.04 1
L			

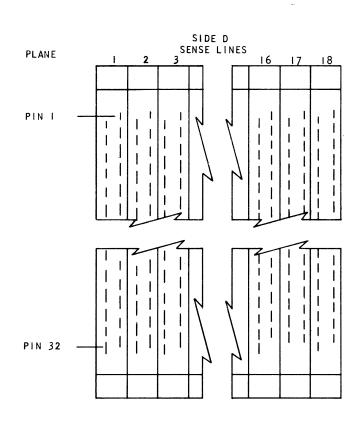
ISCEL	LANEOUS WIRES SIDE D (WIRE WRA	P SIDE)
PIN	NAME	LOGIC
	-20V FUSED F 12	NS
31	-20V FUSED F 13	NS
29	I/2 WRITE 2ND RD BRUSH	04.02.02.1
32	-20V FUSED F 14	NS
2	-20V FUSED F 10	NS
32	-20V FUSED F II	NS
1	-20V FUSED F II	NS
31	-20V FUSED F 10	NS
29	I/2 WRITE IST RD BRUSH	04.02.02.1
31	I/2 WRITE PCH BRUSH	04.02.05.1
2	-20V FUSED F 8	NS
32	-20V FUSED F 9	NS
	7	
	PIN i 31 29 32 2 32 i 31 29 31 29	-20V FUSED F   2   31



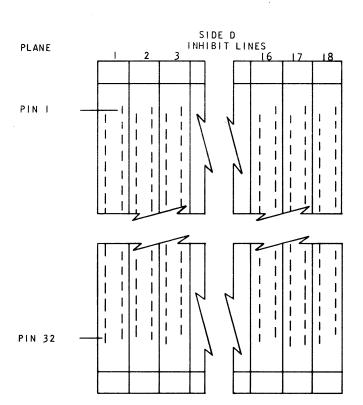
WRITE LINES SIDE C (BOTTOM SIDE)							
PLANE	PIN	NAME	LOGIC				
04	3	-R R/P WR T O	04.30.07.1				
04	5	-R WR RDR T I	04.30.05.1				
04	7	-R R/P WR T 2	04.30.07.1				
04	9	-R WR RDR T 3	04.30.05.1				
04	15	-R R/P WR T 4	04.30.07.1				
04	17	-R WR RDR T 5	04.30.05.1				
04	19	-R R/P WR T 6	04.30.07.1				
04	21	-R WR RDR T 7	04.30.05.1				
04	29	-R WR PCH T I	04.30.05.1				
04	33	-R WR PCH T 3	04.30.05.1				
04	41	-R WR PCH T 5	04.30.05.1				
04	45	-R WR PCH T 7	04.30.05.1				
18	3	-R WR RDR T O	04.30.05.1				
18	5	-R R/P WR T I	04.30.07.1				
18	7	-R WR RDR T 2	04.30.05.1				
18	9	-R R/P WR T 3	04.30.07.1				
18	15	-R WR RDR T 4	04.30.05.1				
18	17	-R R/P WR T 5	04.30.07.1				
18	19	-R WR RDR T 6	04.30.05.1				
18	21	-R R/P WR T 7	04.30.07.1				
18	27	-R WR PCH T 0	04.30.05.1				
18	31	-R WR PCH T 2	04.30.05.1				
18	39	-R WR PCH T 4	04.30.05.1				
18	43	-R WR PCH T 6	04.30.05.1				



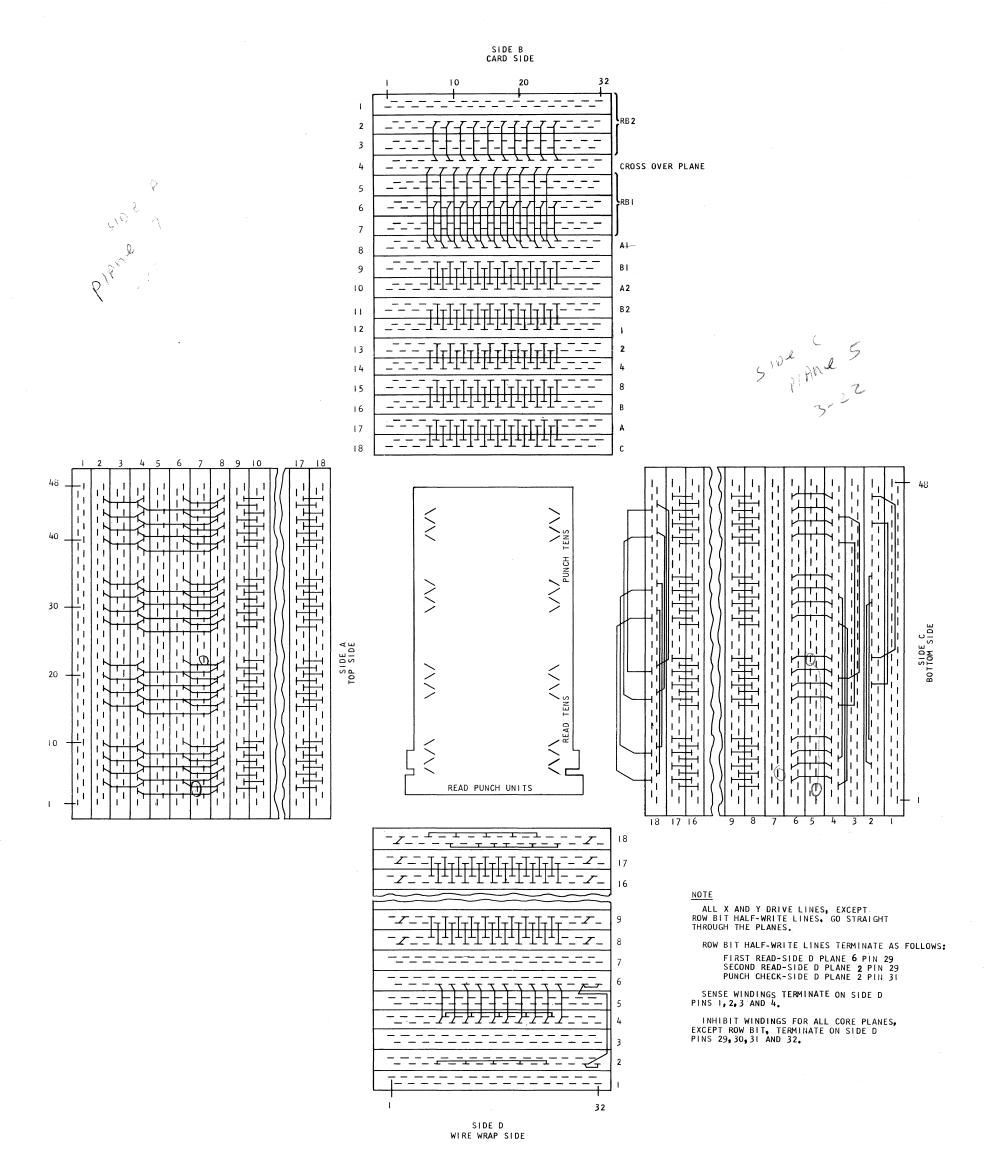
WRITE LINES SIDE D (WIRE WRAP SIDE)						
PLANE	PIN	NAME	LOGIC			
04	7	-R R/P WR U O	04.30.06.1			
04	- 11	-R R/P WR U 2	04.30.06.1			
04	15	-R R/P WR U 4	04.30.06.1			
04	19	-R R/P WR U 6	04.30.06.1			
04	23	-R R/P WR U 8	04.30.06.1			
04	25	RDR PCH BUFR WR DRVR	04.30.04.1			
18	9	-R R/P WR U I	04.30.06.1			
18	13	-R R/P WR U 3	04.30.06.1			
18	17	-R R/P WR U 5	04.30.06.1			
18	21	-R R/P WR U 7	04.30.06.1			
18	23	RDR PCH BUFR WR DRVR	04.30.04.1			
18	25	-R R/P WR U 9	04.30.06.1			



		SIDE D(WIRE WRA	
PLANE	PIN	NAME	LOGIC
18	Ц	SEN C BIT	04.30.01.1
18	4	SEN WIND C BIT	04.30.01.1
17	1	SEN A BIT	04.30.01.1
17	4	SEN WIND A BIT	04.30.01.1
16	L	SEN B BIT	04.30.01.1
16	4	SEN WIND B BIT	04.30.01.1
15		SEN 8 BIT	04.30.01.1
15	4	SEN WIND 8 BIT	04.30.01.1
14		SEN 4 BIT	04.30.01.1
14	4	SEN WIND 4 BIT	04.30.01.1
13	- 1	SEN 2 BIT	04.30.01.1
ı 13	4	SEN WIND 2 BIT	04.30.01.1
12	1	SEN I BIT	04.30.01.1
12	4	SEN WIND I BIT	04.30.01.1
11	ı	SEN CK PLN B2	04.30.02.1
11	4	SEN WIND CP B2	04.30.02.1
10	1	SEN CK PLN A2	04.30.02.1
10	4	SEN WIND CP A2	04.30.02.1
9	ı	SEN CK PLN BI	04.30.02.1
9	4	SEN WIND CP BI	04.30.02.1
8	ı	SEN CK PLN AI	04.30.02.1
8	4	SEN WIND CP AI	04.30.02.1
2	3	SEN RD R& 2	04.30.02.1
2	4	SEN WIND RD RB2	04.30.02.1
6	3	SEN RBI (	04.30.02.1
6	4	SEN WIND RB I	04.30.02.1
2	2	SEN PCH RB2	04.30.02.1
2	ı	SEN WIND PCH RB2	

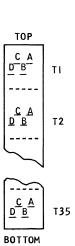


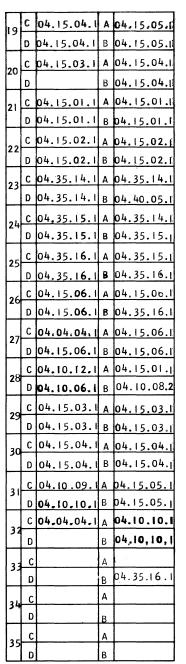
INHIBIT LINES SIDE D (WIRE WRAP SIDE)							
PLANE	PIN	NAME	LOGIC				
18	29	-R INH RES C	04.30.08.1				
18	32	-R INH C BIT	04.30.03.1				
١7	29	-R INH A BIT	04.30.03.1				
17	32	-R INH RES A	04.30.08.1				
16	<b>2</b> 9	-R INH RES B	04.30.08.1				
16	32	-R INH B BIT	04.30.03.1				
15	29	-R INH 8 BIT	04.30.03.1				
15	32	-R INH RES 8	04.30.08.1				
14	29	-R INH RES 4	04.30.08.1				
14	32	-R INH 4 BIT	04.30.03.1				
13	29	-R INH 2 BIT	04.30.03.1				
13	32	-R INH RES 2	04.30.08.1				
12	<b>2</b> 9	-R INH RES !	04.30.08.1				
12	32	-R INH I BIT	04.30.03.1				
	29	-R INH B2 BIT	04.30.03.1				
11	32	-R INH RES B2	04.30.08.1				
10	29	-R INH RES A2	04.30.08.1				
10	32	-R INH A2 BIT	04.30.03.1				
9	29	-R INH BI BIT	04.30.03.1				
9	32	-R INH RES BI	04.30.08.1				
8	29	-R INH RES AI	04.30.08.1				
8	32	-R INH AI BIT	04.30.03.1				



ТОР

١.	С	04.10.09.2	Α	04.90.40.
Ľ	D	04.10.09.1	В	04.40.03.
2	С	04.15.01.1	Α	04.15.01.1
_	D	04.15.02.1	В	04.15.01.1
3	С	04.15.02.1	Α	04,15.02.1
2	D	04.15.03.1	В	04.15.02.1
4	С	04.83.06.1	Α	04.15.03.1
Ľ	D	04.83.06.1	В	<b>04.</b> 15.03.1
	С	04.83.06.1	Α	04.83.06.1
5	D	04.83.06.1	В	04.83.06.1
,	С	04.83.06.1	Α	04.40.03.1
6	D	04.83.06.1	В	04.10.09.2
	С	04.25.01.1	Α	04.15.06.1
7	D	04.25.01.1	В	04.25.01.1
8	С	04.25.01.1	Α	04.25.01.
Ľ	D	04.25.01.1	В	04.25.01.1
	C	04, 25.02.1	Α	04.25.01.1
9	D	04.25.02.1	В	04.25.02.
10	С	04.25.03.1	Α	04.25.02.
L	D	ú4.25.03.1	È	04,25,02.
١,,	С	04.10.07.1	A	04.10.07.1
Ľ	D	04.10.07.1	В	04.10.07.1
1 2	С	04.10.08.1	Α	04.10.07.1
Ľ	D	04.10.08.1	В	04.10.07.
	С	04.35.01.1	Α	04.10.10.1
13	D	04.10.04.1	В	04.10.09.
14	С	04,25.03.1	Α	04.10.11.
Ľ	D	04.25.03.1	В	04.10.11.
	С	04.30.01.1	Α	04.25.03.1
15	D	04.10.08.2	В	04.25.03.1
12	С	04.10.04.1	Α	04.83.06.
16	D		В	
17	С	04.40.02.1	Α	04.10.12.
Ľ	D	04,10,04,1	В	04.10.12.
	С	04.10.08.1	Α	04.15.06.
18	D		В	04.25.03.
_				





BOTTOM

	Α	В	С	D	Ε	F ·
	DT DEE		<b>A</b>	<b>1</b>	DPM AHT	DPM AHT
ı	04.83.05.1 04.83.05.1 04.83.05.1 04.83.05.1				04.82.03.1 04.82.03.1 04.82.03.1	04.82.03.1 04.82.03.1 04.82.03.1
	DT DEE					DPM AHT
2	04.83.05.1 04.83.05.1 04.83.05.1 04.83.06.1	MAKE NO ASSIGNMENTS			·	04.82.03.1 04.82.03.1 04.82.03.1
	DT DEE					DPM AHT
3	04.83.06.1 04.83.06.1 04.83.06.1 04.83.06.1			MAKE NO ASSIGNMENTS		04.82.03.1 04.82.03.1 04.82.03.1
	THERM RE	AM NN				DPM AHT
4	04.90.40.1	04.30.02.1				04.82.03.1 04.82.03.1 04.82.03.1
	DT DEE	AM NN		SW TBD		DPM AHT
5	04.83.06.1 04.83.06.1 04.83.06.1 04.83.06.1	04.30.02.1	BUFFER (NO SOCKETS INSTALLED)	04.30.06.1		04.82.03.1 04.82.03.1 04.82.03.1
	DL DED	AM NN	INSTALLED	SW TBD		DPM AHT
6	04.83.01.1 04.83.01.1 04.83.01.1 04.83.01.1	04.30. <b>02</b> .1		04.30.06.1		04.82.03.1 04.82.03.1 04.82.03.1
	DL DED	AM NN		SW TBD		DPM AHT
7	04.83.01.1 04.83.01.1 04.83.01.1	04.30. <b>02</b> .1		04.30.06.1		04.82.03.1 04.82.03.1 04.82.03.1
	DL DED	AM NN		SW TBD		DPM AHT
8	04.83.04.1 04.83.04.1 04.83.04.1 04.83.04.1	04.30 <b>.02</b> .1		04.30.06.1		04.82.03.1 04.82.03.1 04.82.03.1
	DL DED	AM NN		SW TBD		DPM AHT
9	04.83.04.1 04.83.04.1 04.83.04.1 04.83.04.1	04.30. <b>02</b> .1		04.30.06.1		04.82.04.1 04.82.04.1 04.82.04.1
	2WD VE	AM NN		SW TBD	`	DPM AHT
10	04.83.06.1 <b>04.30.02.1</b> 04.83.06.1 <b>04.83.06.1</b>	04.30. <b>02</b> .1		04.30.07.1		04.82.04.1 04.82.04.1 04.82.04.1
		AM NN		SW TBD		DPM AHT
11		04.30.01.1		04.30.07.1		04.82.04.1 04.82.04.1 04.82.04.1
	3WD VF	AM NN	1	SW TBD		DPM AHT
(BM 635564)	04.30.02.1 04.30.02.1 04.30.02.1	04.30.01.1		04.30.07.1		04.82.04.1 04.82.04.1 04.82.04.1
ι	2WD ,MX	AM NN		SW TBD	2W MX	DPM AHT
13	04.25.01.1 04.25.01.1 04.25.01.1 04.25.01.1	04.30, <b>01</b> ,1		04.30.07.1	04.10.11.1 04.10.10.1 04.10.11.1 04.40.02.1	04.82.04.1 04.82.04.1 04.82.04.1
•	Α	В	С	D	E	F

NOTE
X REFER TO LOGIC 04.04.03.6 FOR CARD TYPE PART NUMBERS

	A		C	D	Ε	F
	L TCZ	AM NN	DIODE YAR		3W CD	DPM AHT
. 14	04.25.01.1 04.25.01.1	04.30.01.1	04.30.05.1	MAKE NO ASSIGNMENT	04.10.11.1 04.40.02.1 04.10.11.1	04.82.04.1 04.82.04.1 04.82.04.1
	2W MX	AM NN	DIODE YAR	IS ACY	2W MX	DPM AHT
15	04.25.01.1 04.25.01.1 04.25.01.1	04.30.01.1	04. <b>30</b> .05.1	04.30.06.1	04.10.10.1 04.40.03.1 04.10.10.1 04.40,02.1	04.82.04.1 04.82.04.1 04.82.04.1
	L TCZ	AM NN	DIODE YAR		2W MX	DPM AHT
BH 6355 64)	04. <b>2</b> 5. 01. 1 04. <b>2</b> 5. 01. 1	04.30.01.1	04.30.05.1	MAKE NO ASSIGNMENT	04.15.06.1 04.15.06.1 04.15.06.1 04.15.06.1	04.82.04.1 04.82.04.1 04.82.04.1
BM (3)	2WD AX	AM NN	DÍODE YAR	IS ACY	DE CEYB	DPM AHT
	04. 25. 02. 1 04. 25. 02. 1 04. 25. 02. 1 04. 25. 02. 1	04.30.01.1	04.30.05.1	04.30.06.1	04.15.06.1 04.15.06.1 04.10.10.1	04.82.04.1 04.82.04.1 04.82.04.1
	L TCZ	L TCZ	R FP	D MA	2WD VE	. DPM AHT
	04.25.02.1 04.25.02.1	04.25.03.1 04.25.03.1	04.30.08.1	04.30.03.1 04.30.03.1	04.40.05.1 04.40.05.1 04.40.05.1 04.40.05.1	04.82.05.1 04.82.05.1 04.82.05.1
	L TCZ	L TCZ	R FP	D WJ	2W MX	DPM AHT
19	04.25.02.1 04.10.04.1	04.25.03.1 04.25.03.1	04.30.08.1	04.30.03.1 04.30.03.1	04.40.05.1 04.40.05.1 04.40.05.1 04.40.05.1	04.82.05.1 04.82.05.1 04.82.05.1
	:2W MX:	L TCZ	R FP	D WJ	2W MX	DPM AHT
20	04.25.02.1 04.35.04.1 04.25.02.1 04.40.02.1	04.25.03.1 04.25.03.1	04.30.08.1	04.30.03.1 04.30.03.1	04.40.05.1 04.40.05.1 04.40.05.1 04.40.05.1	04.82.05.1 04.82.05.1 04.82.05.1
	2W MX	I VM	R AFB	D WJ	2WD VE	DPM AHT
21	04.40.03.1 04.40.03.1 04.40.03.1 04.40.03.1	04.30.01.1 04.10.12.1 04.30.02.1 04.10.12.1	04.30.08.1	04.30.03.1 04.30. <b>03</b> .1	04.82.01.1 04.82.01.1 04.82.01.1 04.40.05.1	04.82.05.1 04.82.05.1 04.82.05.1
	2W MX	2WD VE	2W MX	D MÌ	ł VM	DPM AHT
22	04.40.03.1 04.40.03.1 04.40.03.1 04.40.03.1	04.30.02.1 04.30.02.1 04.30.02.1 04.25.03.1	04.35.04.1 04.35.04.1 04.35.04.1 04.35.04.1	04.30.03.1 04.30.03.1	04.82.01.1 04.82.01.1 04.82.01.1 04.82.01.1	04.82.05.1 04.82.05.1 04.82.05.1
	THERM RE	2WD VE	2W MX	D MY	2WD VE	DPM AHT
23	04.90.40.1	04.30.02.1 04.30.02.1 04.30.02.1 04.30.02.1	04.35.04.1 04.35.04.1 04.35.04.1 04.35.04.1	04.30.03.1	04.82.01.1 04.82.01.1 04.82.01.1 04.82.01.1	04.82.05.1 04.82.05.1 04.82.05.1
	.2W MX	2W MX	3W CD	D WJ	I VM	DPM AHT
24	04.40.03.1 04.40.03.1 04.40.03.1 04.40.03.1	04.35.04.1 04.35.04.1 04.35.04.1 04.35.04.1	04:35:04:1 04:35:04:1 04:35:04:1	04.30.04.1 04.30 04.1	04.82.01.1 04.82.01.1 04.82.01.1 04.82.01.1	04.82.05.1 04.82.05.1 04.82.05.1
Ţ	2W MX	3W CD	2W MX	D WJ	2WD VE	DPM AHT
25	04.40.03.1 04.40.03.1 04.40.03.1 04.40.03.1	04.35.04.1 04.35.04.1 04.35.04.1	04.35.04.1 04.35.04.1 04.35.04.1 04.35.04.1	04.30.05.1 04.30.05.1	04.82.01.1 04.30.02.1 04.82.01.1 04.82.01.1	04.82.05.1 04.82.05.1 04.82.05.1
-	2WD VE		3W CD	D WJ	I VM	DPM AHT
1	04.40.03.1		04.35.04.1 04.35.04.1	04.30.05.1 04.30.05.1	04.82.01.1 04.82.01.1	04.82.05.1 04.82.05.1
26	04.40.03.1	- 1842 - 1842	04.35.04.1		04.82.01.1 04. <b>25.03.1</b>	

NOTE

REFER TO LOGIC 04.04.03.6 FOR TYPE PART NUMBERS

	A	В	С	D	E	F
1	1D AFR 04.15.01.1 04.15.01.1 04.15.01.1 04.15.01.1 04.15.02.1	1D AFR 04.35.14.1 04.35.16.1 04.35.11.1 04.35.13.1 04.10.10.1	2WDX DAX 04.10.10.1 04.10.10.1 04.10.11.1 04.35.01.1	3WD VF 04.10.10.1 04.10.09.1 04.10.10.1	L TCZ 04.15.01.1 04.15.01.1	L TCZ   04.15.03.1   04.15.03.1
2	1D AFR 04.15.02.1 04.15.02.1 04.15.03.1 04.15.03.1 04.15.03.1	2WD VE 04.35.01.1 04.35.01.1 04.35.01.1 04.35.01.1	3WD VF 04.10.10.1 04.10.10.1 04.10.11.1		2WD VE 04.15.01.1 04.15.01.1 04.15.01.1 04.15.01.1	2WD VE 04.15.03.1 04.15.03.1 04.15.04.1 04.15.04.1
3	1D AFR 04.15.04.1 04.15.04.1 04.15.04.1 04.15.04.1 04.15.05.1 04.15.05.1	3WD VF 04.35.01.1 04.35.01.1 04.35.01.1	L DFA 04.10.10.1 04.10.10.1		3WD VF 04.15.01.1 04.15.01.1 04.15.01.1	3WD VF 04.15.03.1 04.15.03.1 04.15.04.1
4	THERM RE 04.90.40.1	2WD VE 04.35.01.1 04.35.01.1 04.35.01.1 04.35.01.1	L DFA 04.10.10.1 04.10.10.1	2WD VE 04.35.01.1 04.15.06.1 04.10.08.3 04.15.06.1	L TCZ 04.15.01.1 04.15.01.1	L TCZ 04.15.04.1 04.15.04.1
5	1D AFR 04. 25.01.1 04. 25.01.1 04. 25.01.1 04. 25.01.1 04. 25.02.1	3WD VF 04.35.01.1 04.35.01.1 04.35.02.1	3WD VF 04.10.11.1 04.10.11.1 04.10.11.1	2W MX 04.10.10.1 04.40.02.1 04.10.11.1 04.10.10.1	3WD VF 04.15.01.1 04.15.02.1 04.15.02.1	3WD VF 04.15.04.1 04.15.04.1 04.15.04.1
6	04.25.02.1 1D AFR 04.25.02.1 04.25.03.1 04.25.03.1 04.25.03.1 04.25.03.1	2WDX DAX 04.35.01.1 04.35.01.1 04.35.01.1 04.35.02.1	3WD VF 04.35.11.1 04.10.11.1 04.10.08.1	3W CD 04.40.02.1 04.40.02.1	L TCZ 04.15.02.1 04.15.02.1	L TCZ 04.15.04.1 04.15.04.1
7	04.25.03.1 1D AFR 04.25.03.1 04.10.10.1 04.10.10.1 04.40.03.1	3WD VF 04.35.02.1 04.35.01.1 04.35.02.1	RYD PF 04.10.10.1 04.10.10.1	2W MX 04.10.08.1 04.10.09.1 04.40.02.1 04.10.08.2	2WD VE 04.15.02.1 04.15.02.1 04.15.02.1 04.15.02.1	2WD VE 04.15.04.1 04.15.04.1 04.15.05.1 04.15.05.1
8	3WD VF 04.10.09.1 04.10.09.1 04.10.09.1	2WD VE 04.35.01.1 04.35.01.1 04.35.01.1 04.35.01.1	3W CD 04.10.08.1 04.15.06.1 04.10.08.2	3WD VF 04.35.02.1 04.35.02.1 04.35.02.1	L TCZ 04.15.02.1 04.15.02.1	L TCZ 04.15.05.1 04.15.03.1
9	2WD VE 04.10.09.1 04.10.09.1 04.10.09.1 04.10.09.2	2WD VE 04.35.01.1 04.35.02.1 04.35.02.1 04.35.02.1		2W MX 04.10.10.1 04.10.10.1 04.10.08.2 04.10.10.1	3WD VF 04.15.02.1 04.15.02.1 04.15.03.1	3WD VF 04.15.05.1 04.15.05.1 04.10.11.1
10	RDY PF 04.15.06.1 04.15.06.1	1 VM 04.10.09.2 04.10.08.3 04.10.08.3	L TCZ 04.10.08.1 04.10.68.1		L TCZ 04.15.05.1 04.15.03.1	3WD VF 04.30.01.1 04.35.11.1 04.15.03.1
i I	2WD VE 04.10.04.1 04.10.09.2 04.10.09.1 04.10.09.1	2WD VE 24.35.02.1 04.35.02 1 04.10.09.1 04.10.07.1	2WD VE 04.10.08.1 04.10.08.1 04.10.08.1 04.10.08.1	1 VM 04.10.07.1 04.10.12.1 04.10.07.1 04.10.07.1	2WD VE 04.15.03.1 04.15.03.1 04.15.05.1 04.10.08.3	
2	L TCZ 04.10.09.1 04.10.09.2	2WD VE 04.10.05.1 04.10.05.1 04.35.02.1 04.10.07.1			2WD VE 1 04.15.01.1 04.10.[2.1 04.15.03.1 04.15.05.1	L TCZ .04.35.11.1 .04.35.11.1
3	3WD VF 04.10.09.2 04.10.09.2 04.10.09.2	L TCZ 04.10.05.1 04.10.05.1	2WD VE 04.10.07.1 04.10.07.1 04.10.07.1	2W MX 04.10.10.1 04.10.11.1 04.10.10.1	2WD VE 04.35.14.1 04.35.14.1 04.35.14.1 04.35.14.1	2WD VE 04.10.11.1 04.35.11.1 04.35.14.1 04.35.14.1
	Α	В	С	D	E	F

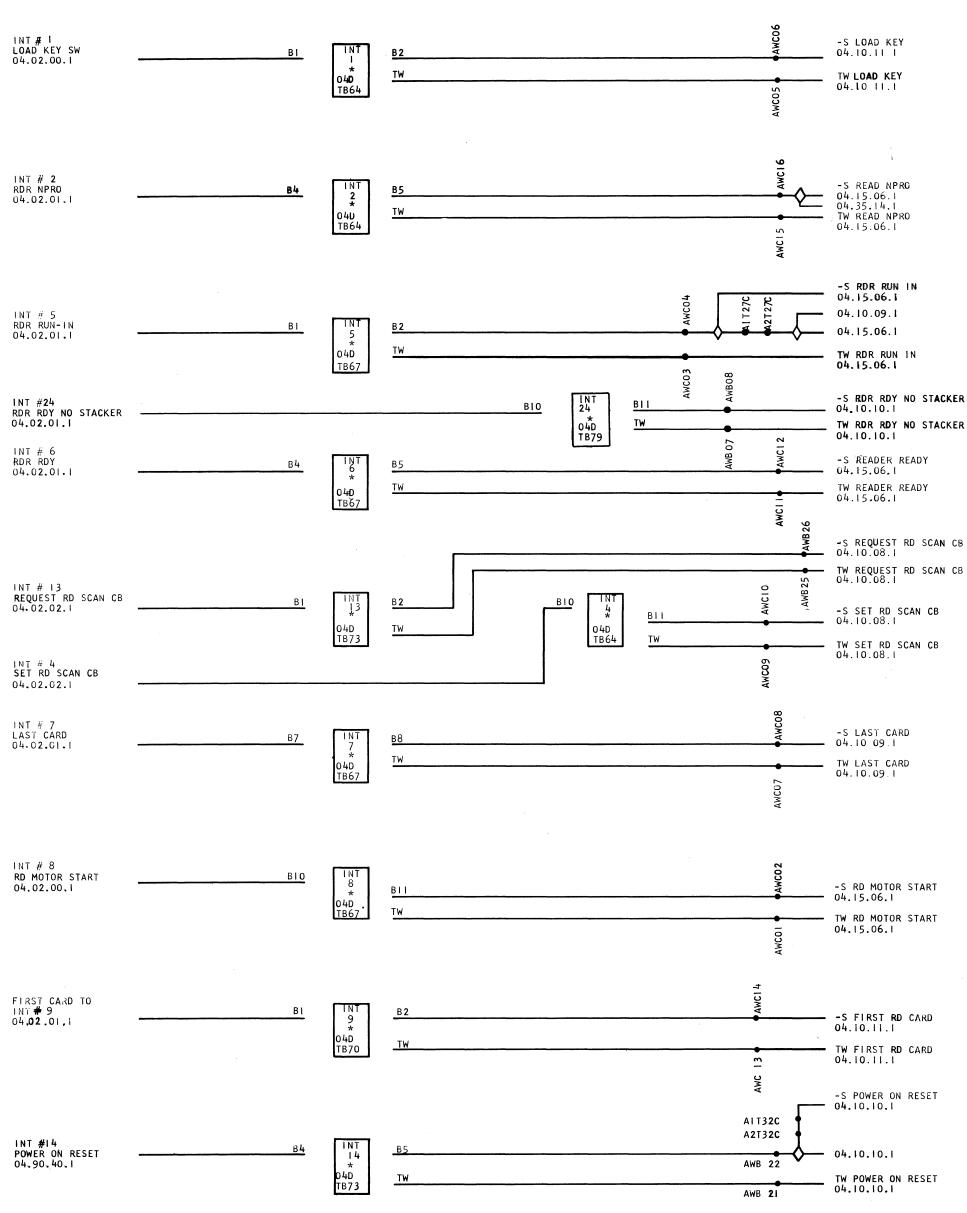
NOTE
X REFER TO LOGIC 04.04.03.6
FOR CARD TYPE PART NUMBERS

	A	В	С	D	E	F
	2WD VE	2WD VE	DEP DAR	2WD VE	L TCZ	I VM
14	04.10.09.1 04.10.09.2 04.10.09.2 04.10.09.2	04.10.05.1 04.10.05.1 04.10.05.1 04.10.05.1	04.10.07.1 04.10,07.1 04.83.06.1 04.15.05.1	04.10.08.1 04.10.08.2 04.10.08.2 04.10.08.2	04.35.14.1 04.35.14.1	04.35.11.1 04.35.14.1 04.15.05.1 04.15.05.1
	2WD VE	L TCZ	3WD VF	l MH	3WD VF	2WD VE
15	04.10.09.2 04.10.09.2 04.10.09.2 04.10.09.2	04.10.05.1 04.10.05.1	04.10.07.1 04.10.09.1 04.10.07.1	04.10.10.1 04.10.08.2 04.10.08.1	04.35.14.1 04.35.14.1 04.35.14.1	04.35.11.1 04.35.11.1 04.35.11.1 04.35.11.1
	L TCZ	2WD VE		L TCZ	L TCZ	3WD VF
16	04.10.09.1 04.10.09.2	04.10.05.1 04.10.05.1 04.10.06.1 04.10.06.1		04.1 <b>0.08.2</b> 04.10.08.2	04.35.14.1 04.35.14.1	04.35.11.1 04.35.11.1 04.35.11.1
	2WDX DAX	L TCZ	<b>2W</b> D ∀Ę	3WD VF	3WD VF	L TCZ
17	04.10.09.1 04.10.08.2 04.10.09.2 04.35.01.1	04.10.06.1 04.10.06.1	04.10.07.1 04.15.05.1 04.10.07.1 04.10.07.1	04.10.08.2 04.10.08.2 04.10.12.1	04.35.14.1 04.35.15.1 04.35.15.1	04.35.11.1 04.35.11.1
	2W MX	2WD VE	2WD VE	· ·	2WD VE	L TCZ
18	04.10.10.1 04.10.10.1 04.10.10.1 04.10.10.1	04.10.06.1 04.10.06.1 04.10.06.1 04.10.06.1	04.10.07.1 04.10.07.1 04.10.07.1 04.10.07.1		04.35.15.1 04.35.15.1 04.35.15.1 04.35.15.1	04.35.12.1 04.35.12.1
	L TCZ	L TCZ	I VM	2WDX DAX	L TCZ	2WD VE
19	04.15.06.1 04.15.06:1	04.10.06.1 04.10.06.1	04.10.07.1 04.10.07.1 04.10.07.1 04.10.07.1	04.05.07.1 04.05.07.1 04.10.10.1 04.10.09.2	04.35.15.1 04.35.15.1	04.35.12.1 04.35.12.1 04.35.12.1 04.35.12.1
	3WD VF	2WD VE	2WD VE	3WD VF	L TCZ	3WD VF
20	04.15.06.1 04.15.06.1 04.15.06.1	04.10.04.1 04.10.04.1 04.10.06.1 04.10.06.1	04.40.03.1 04.10.07.1 04.40.03.1 04.10.07.1	04.10.12.1 04.35.15.1 04.10.08.3	04.35.15.1 04.35.15.1	04.35.12.1 04.35.12.1 04.35.12.1
	2WD VE	OSC VG	DP DAT	L TCZ	3WD VF	L TCZ
21	04.15.06.1 04.10.08.2 04.15.06.1 04.15.06.1	04.10.04.1	04.05.07.1 04.05.07.1	04.15.06.1 04.15.06.1	04.35.15.1 04.35.16.1 04.35.16.1	04.35.12.1 04.35.12.1
	L TCZ	TB VJ	2WD VE	L BFA	2WD VE	3WD VF
22	04.15.06.1 04.15.06.1	04.10.04.1	04.35.13.1 04.15.05.1 04.15.06.1 04.15.06.1	04.15.06.1 04.35.13.1	04.35.16.1 04.35.16.1 04.35.16.1 04.35.16.1	04.35.12.1 04.35.13.1 04.35.13.1
	THERM RE	3WD VF	3WD VF	t VM	L TCZ	2WD VE
23	04.90.40.1	04.10.04.1 04.10.04.1 04.10. <b>09</b> .1	04.10.08.3 04.10.08.3 04.10.08.3	04.10.08.3 04.10.08.3 04.10.08.3 04.10.08.3	04.35.16.1 04.35.16.1	04.35.13.1 04.35.13.1 04.35.13.1 04.35.13.1
	3WDX DAW	I VM	2WD VE	2WD VE	3WD VF	L TCZ
24	04.15.06.1 04.35.01.1 04.15.06.1	04.10.04.1 04.10.04.1 04.10.04.1 04.10.04.1	04.10.08.3 04.10.08.3 04.10.08.3 04.10.08.3	04.10.03.1 04.10.10.1 04.10.03.1 04.10.03.1	04.35.16.1 04.10.11.1 04.35.16.1	04.35.13.1 04.35.13.1
		2WD VE	2W MX	L TCZ	L DFA	3WD VF
25	MAKE NO ASSIGNMENT	04.10.04.1 04.10.04.1 04.10.04.1 04.15.06.1	04.04.05.1 04.04.05.1 04.10.09.1	04.10.03.1 04.10.03.1	04.35.16.1 04.35.16.1	04.35.13.1 04.35.13.1 04.35.13.1
	DCM AHS	3W CD	3W CD	2WD VE	I VM	L TCZ
<b>2</b> 6	04.15.06.1 04.15.06.1	04.10.08.2 04.10.10.1 04.10.09.1	04.04.05.1 04.04.05.1 04.15.06.1	04.10.03.1 04.10.11.1 04.10.03.1 04.10.03.1	04.10.03.1 04.10.03.1 04.15.05.1 04.15.05.1	04.35.13.1 04.35.13.1

В

CARD PART NUMBERS

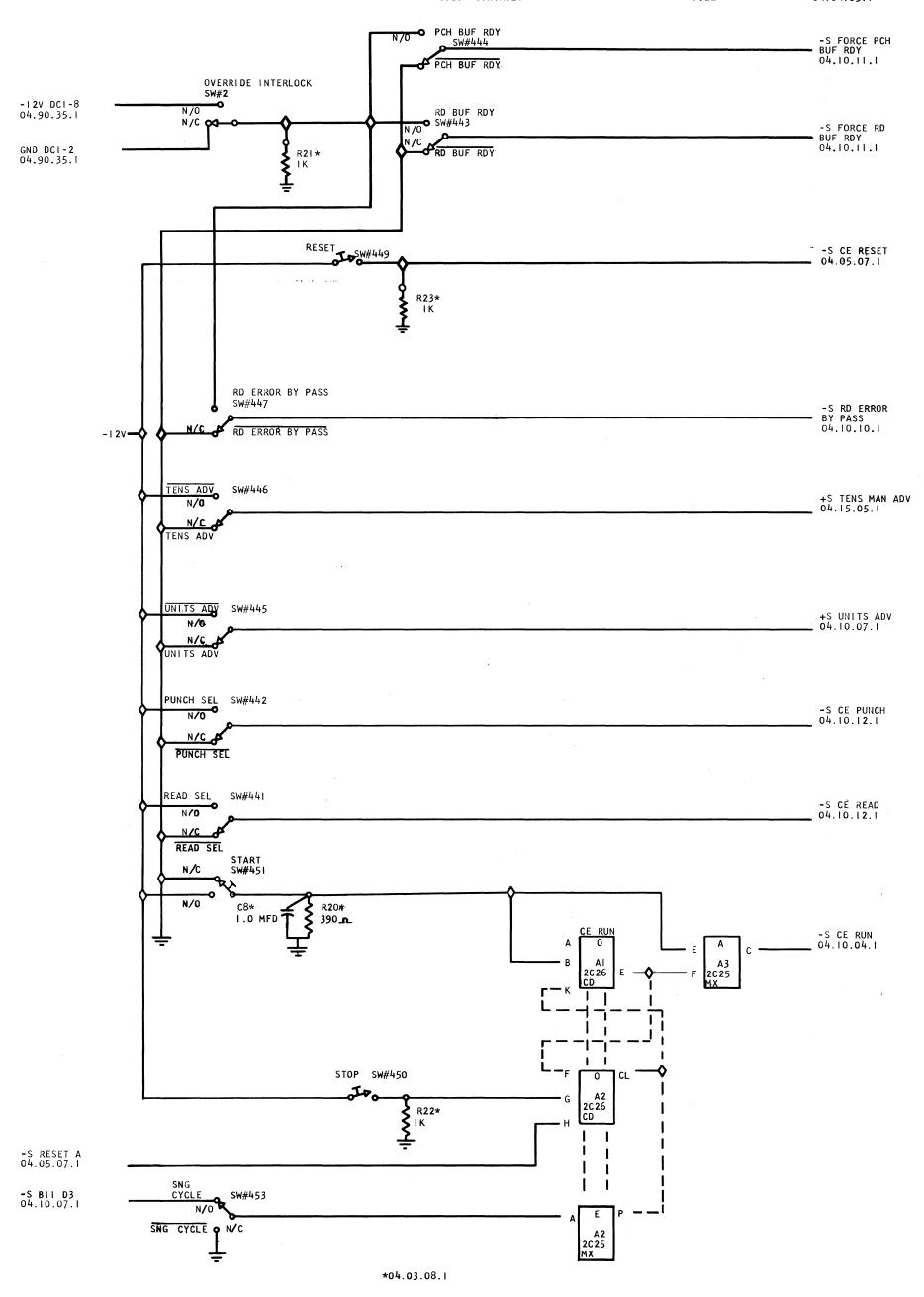
TYPE	PART NO
DAR	370082
DAW	370083
DAX	370084
ACY	370169
TBD	370171
DAT	370172
DFA	370224
YAR	370321
ŤÊŽ	370335
AHS	370336
AHT	370337
CD	3710 <b>2</b> 9
CEYB	371032
FP	371453
МН	371487
MX	371661
NN.	371678
RE	371699
PF	371750
٧J	371867
VG	371868
٧E	371869
VF	371870
VM	371871
WJ	371881
AFR	371943
AFB	371948
DED	371987
DEE	371988

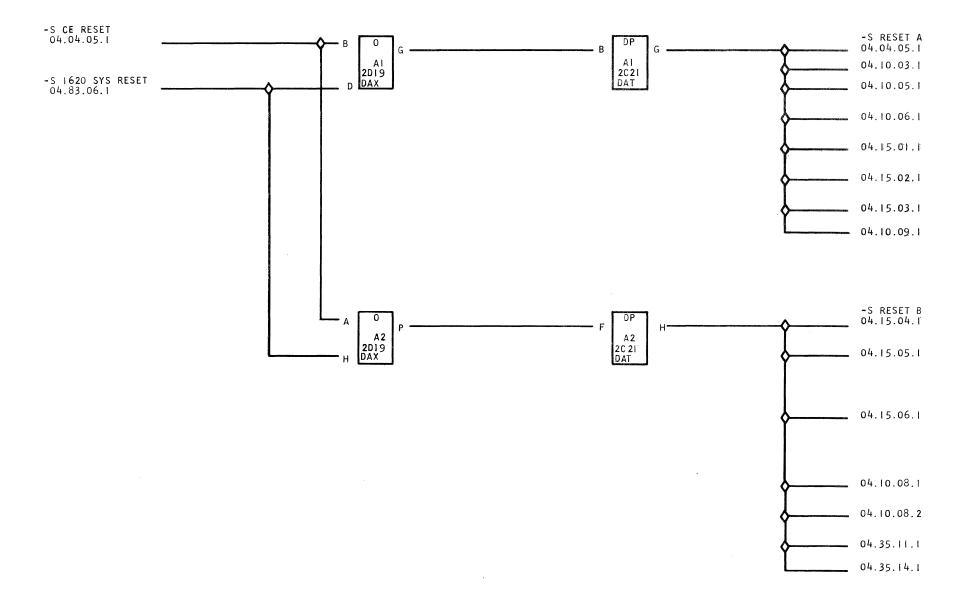


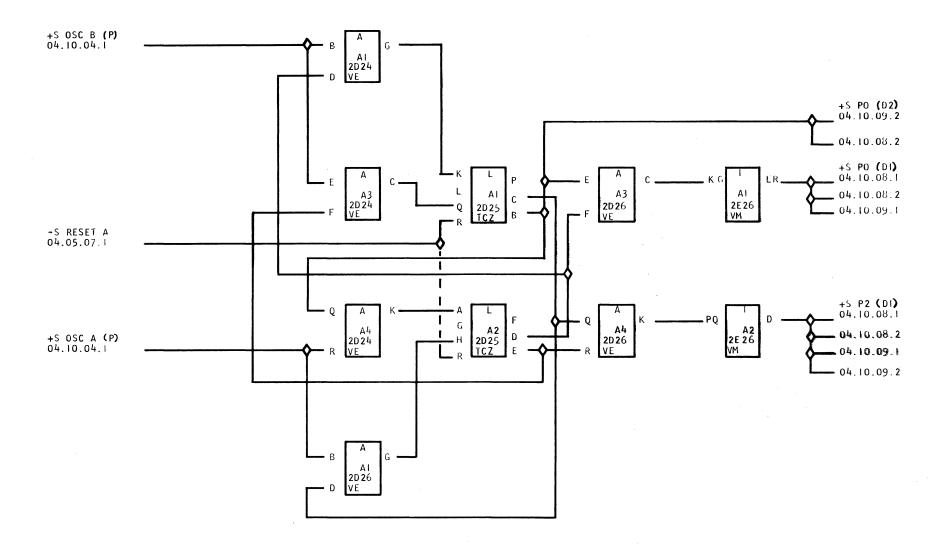
**\* 0**4 03.08.1

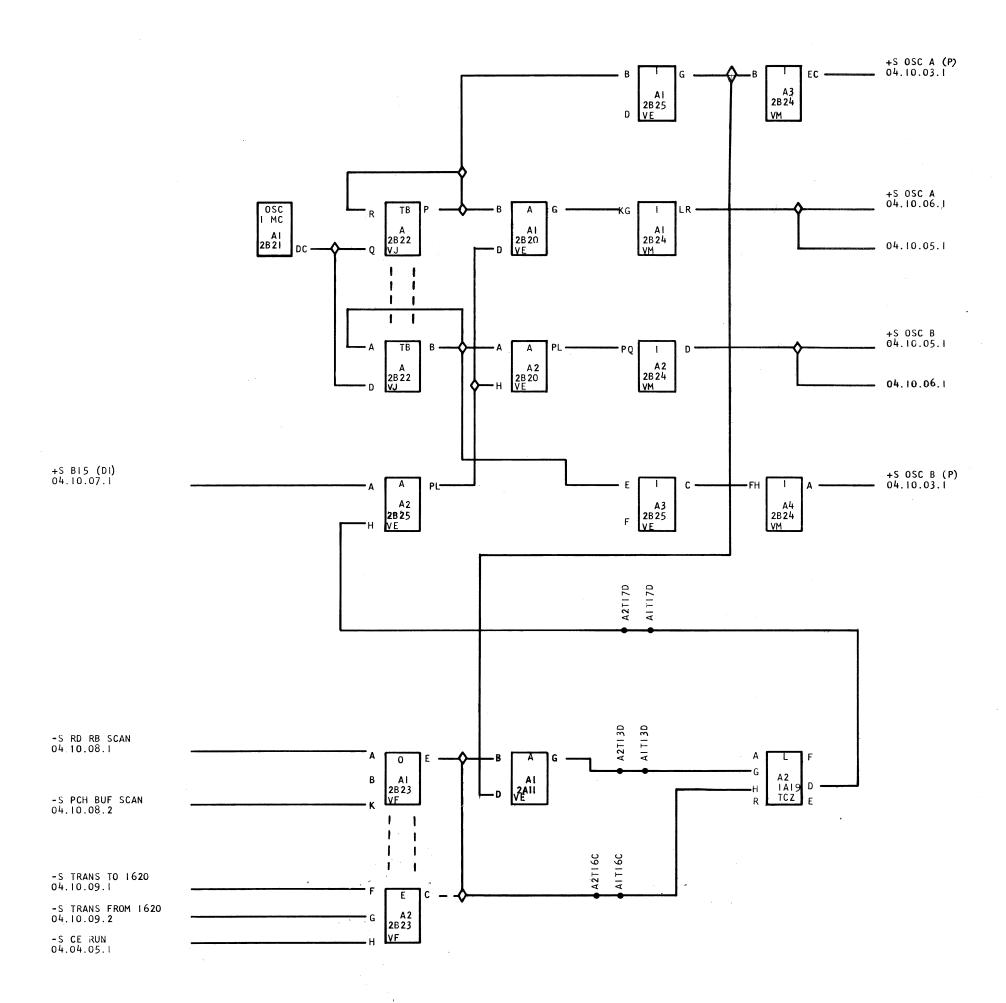
REQUEST PCH SCAN CB INT # 10		В4	INT	B5		AWC24	-S REQUEST PCH SCAN CB - 04.10.08.2
04.02.05.1			* 04D TB70	TW		AWC 23	TW REQUEST PCH SCAN CB 04.10.08.2
INT # 23 PCH RDY'NO STACKER	B7	NT B8				AWBO 3	-S PCH RDY NO STACKER 04.10.10.1
04.02.04.1		* 04D TW 1879				AWBQ4	TW PCH RDY NO STACKER 04.10.10.1
INT # II PUNCH RDY		В7	TNT II *	В8		AWC 22	-s PUNCH READY +S Pance - 04.15.06.1 read;
04.02.04.1			04D TB70	TW		AWC21	TW PUNCH READY - 04.15.06.1
INT # 15 PCH MOTOR START		В7	TNT 15	в8		AWB32	-S PCH MOTOR START - 04.15.06.1
04.02.03.1			. * 04D TB73	TW		AWB31	TW PCH MOTOR START 04.15.06.1
INT # 12			TNT			Alvicac	— -S PUNCH RUN IN 04.15.06.1
PCH RUN IN 04.02.04.1	<del>- , </del>	BIO	12 * 04D	TW		AWC 20	- 04.35.11.1 TW PUNCH RUN IN
			тв70				TW PUNCH RUN IN - 04.15.06.1
INT # 22	в4 [1	NT B5				AWB 2	+S PCH DIE CL - 04.10.11.1
PCH DIE CL 04.02.03.1		* TW			ana	AWB I	- TW PCH DIE CL 04.10.11.1
FNT # 3 PCH NPRO		В7_	TNT 3	В8		AWC 18	-S PUNCH NPRO - 04.15.06.1
04.02.04.1			* 04D TB64	TW		AWC I 7	TW PUNCH NPRO 04.15.06.1
INT # 17 SET PCH SCAN CB 04.02.05.1		ВІ	1NT 17	B2			-S SET PCH SCAN CB - 04.10.08.2
			* 04D TB76	TW		AUD 07	TW SET PCH SCAN CB - 04.10.08.2
RESÈT PCH CHK INT # 20 04.02.04.1	B10	NT BII			AWB18		-S RESET PCH CHK
	O.L Te	*B76			AWB17	N	- TW RESET PCH CHK 04.10.10.1
INT # 18 PCH SCAN GATE D4.02.05.1		<u> </u>	INT 18	B <u>5</u>		AWB 24	-S PCH SCAN GATE - 04.10.08.2
			* 04D TB76	TW		AWB 23	TW PCH SCAN GATE 04.10.08.2
NOT CHECK RESET INT # 21 04.02.04.1	BI	B2			AWB16	-	-S NOT CHK RESET - 04.10.10.1
		# 4D <u>IW</u> B79			AWB15		TW NOT CHK RESET 04.10.10.1
INT # 19 PCH BR CL DELAY 04.02.05.1	•	В7	INT 19	B8	, <del></del>	AWB 20	+S PCH BR CL DELAY - 04.10.10.1
			* 04D TB76	TW		AWB19	TW PCH BR CL DELAY 04.10.10.1
	* 04.03.08.1						

BI5I45 EC 802300 802455 802592 802603A 802603A

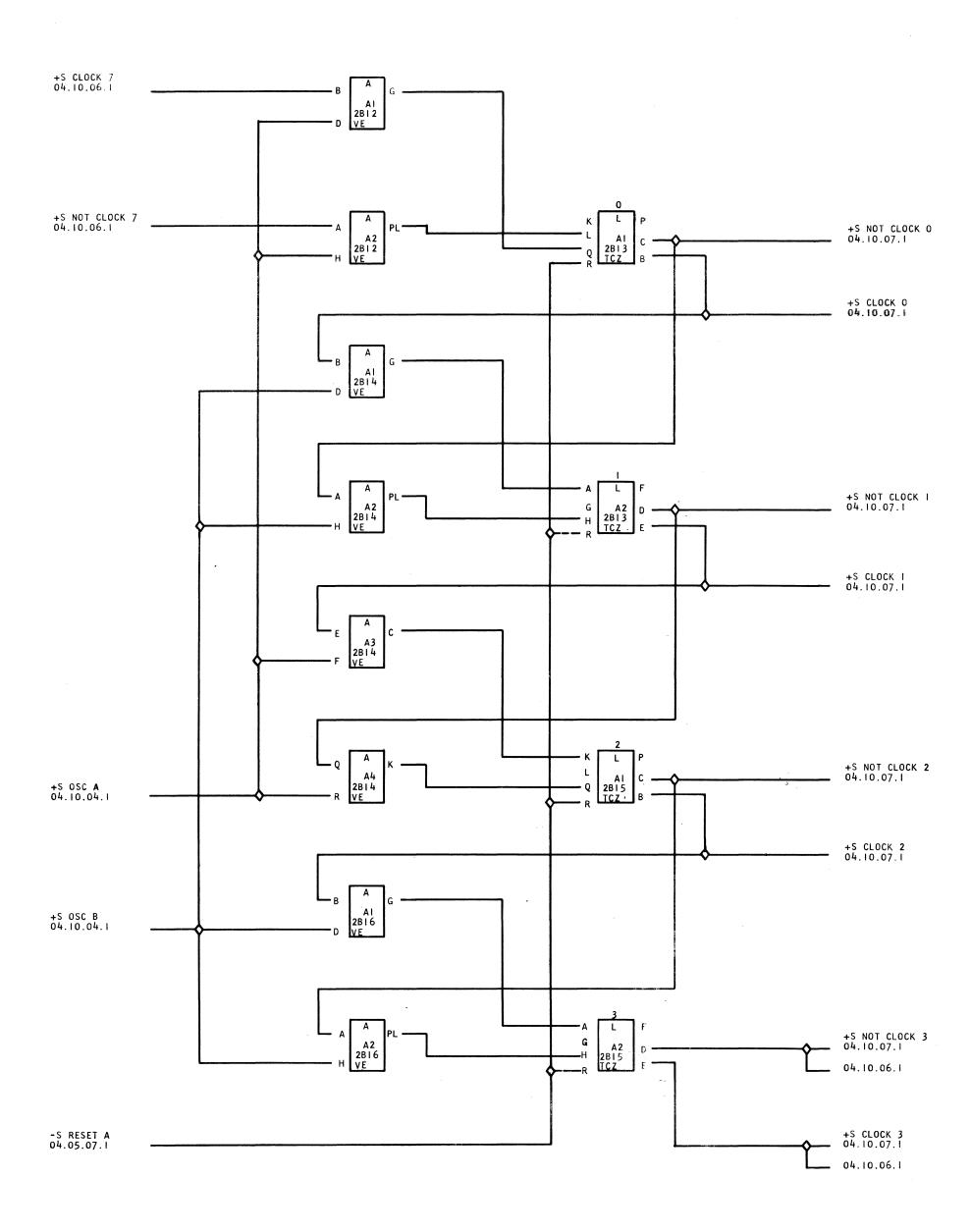




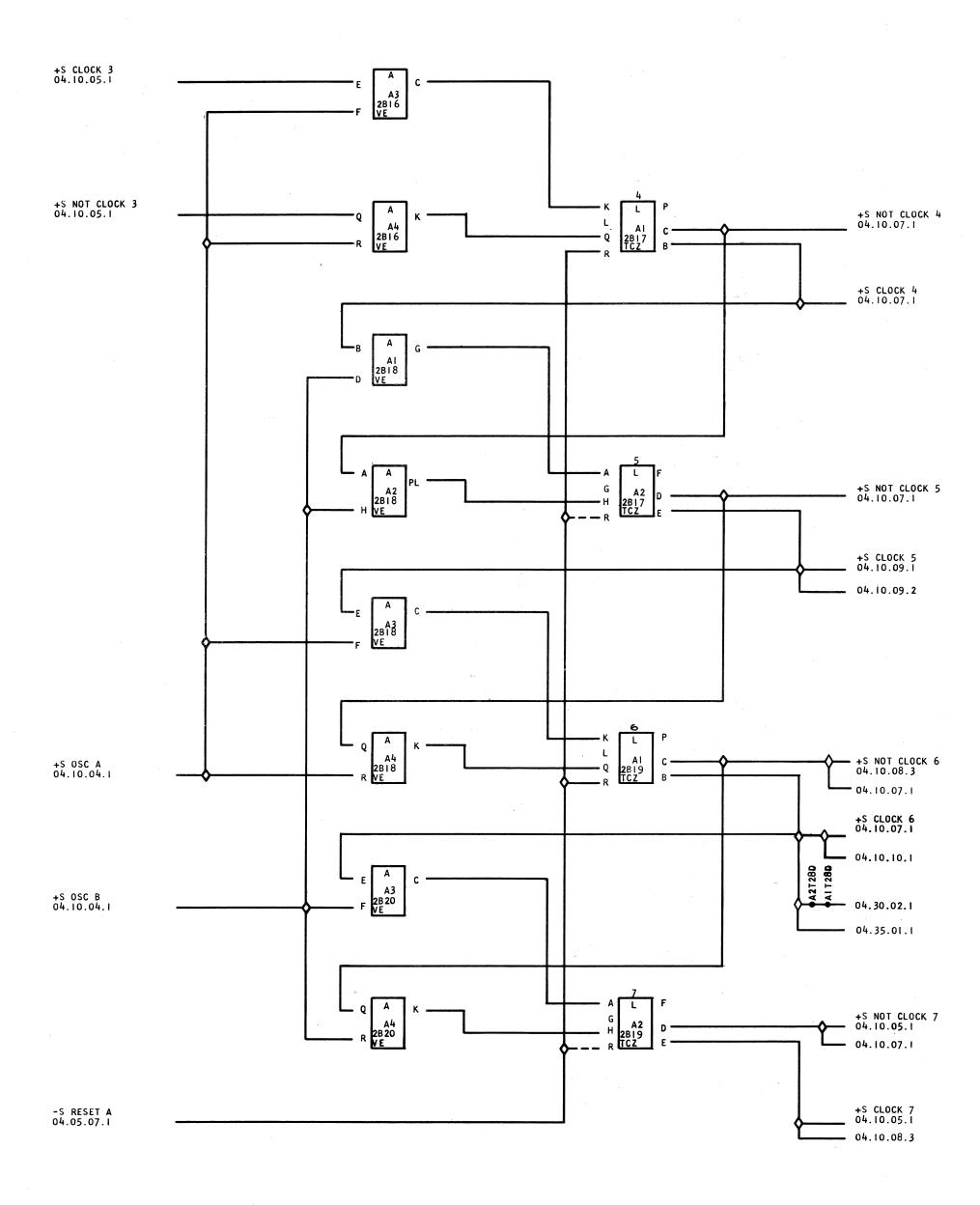




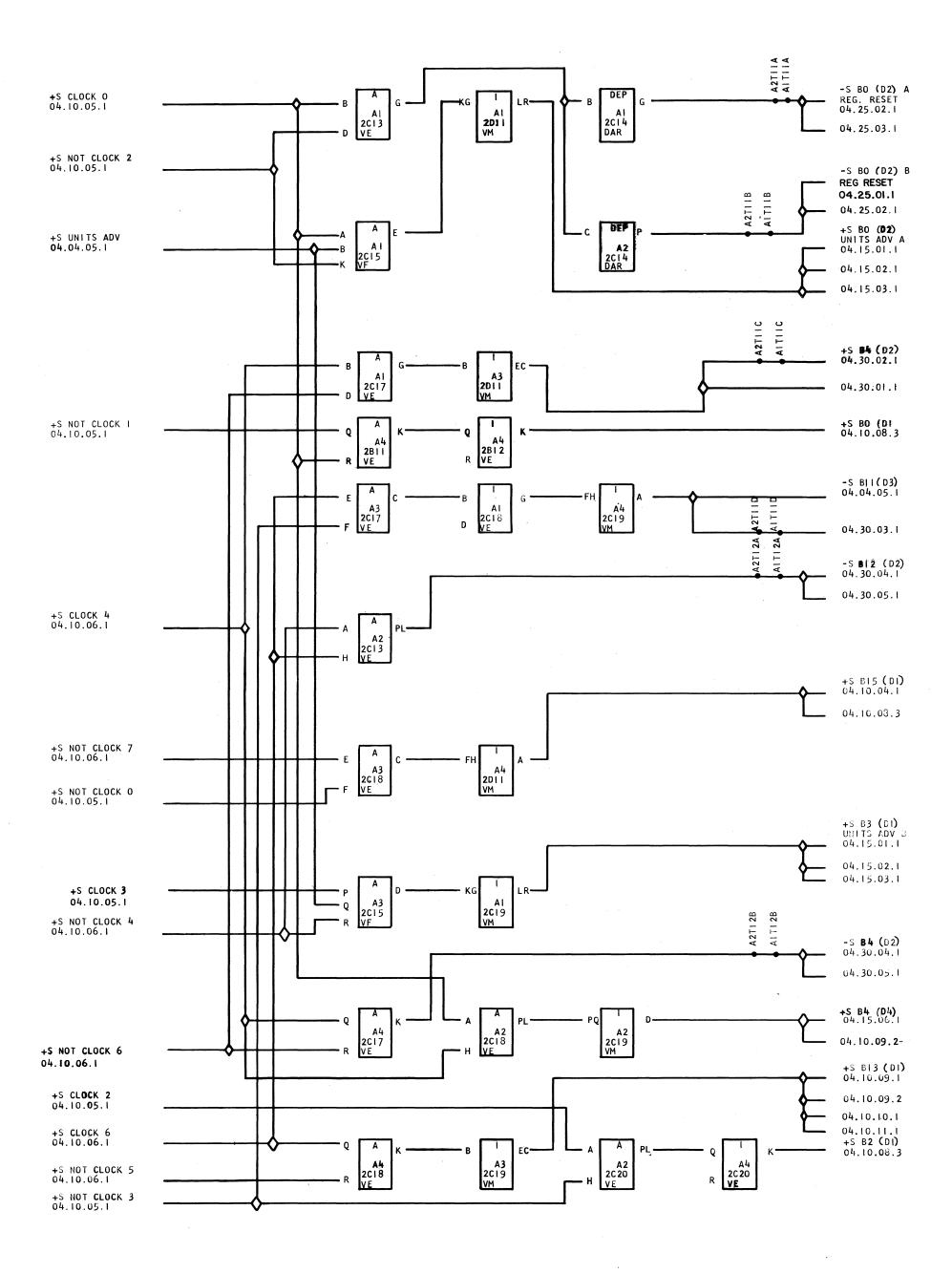
04.10.05.1



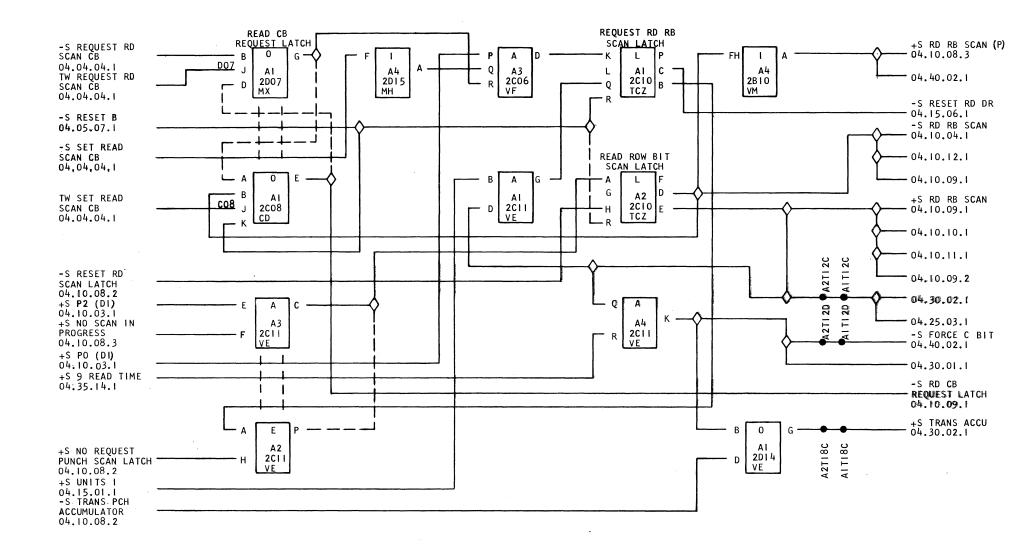
CLOCK PSN 0-1-2-3



CLOCK PSN 4-5-6-7

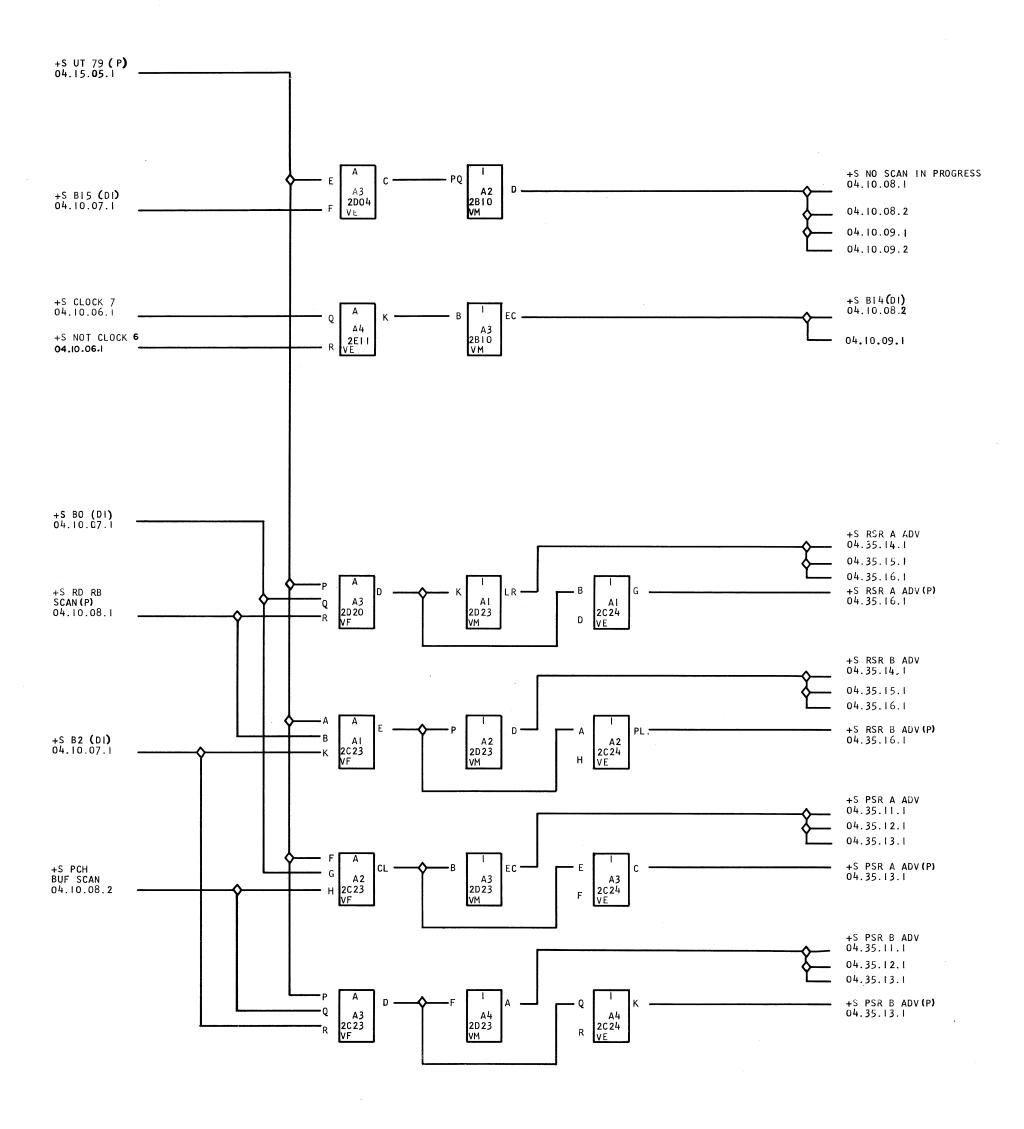


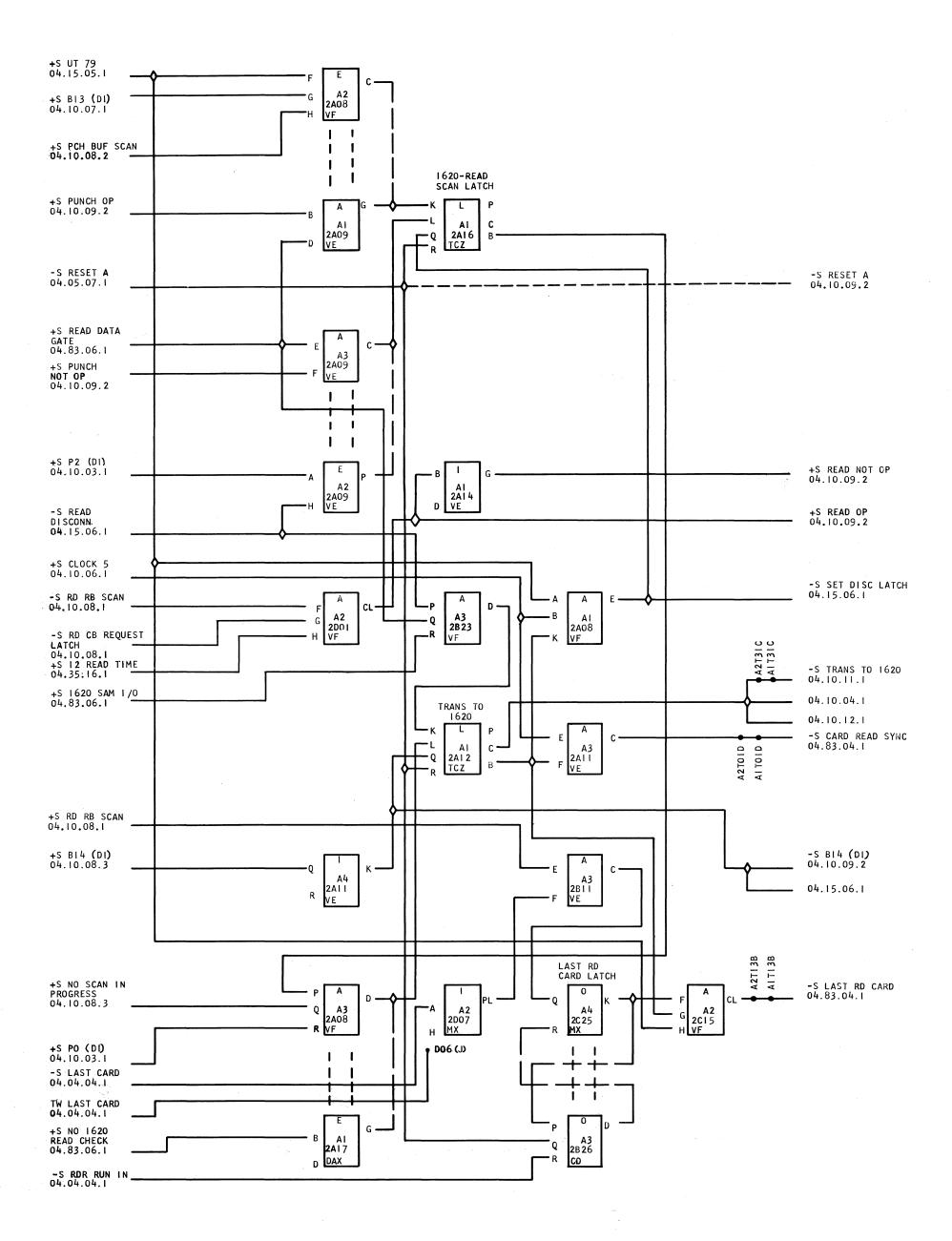
6|5|52 EC 802300 802363 802458A 802603A



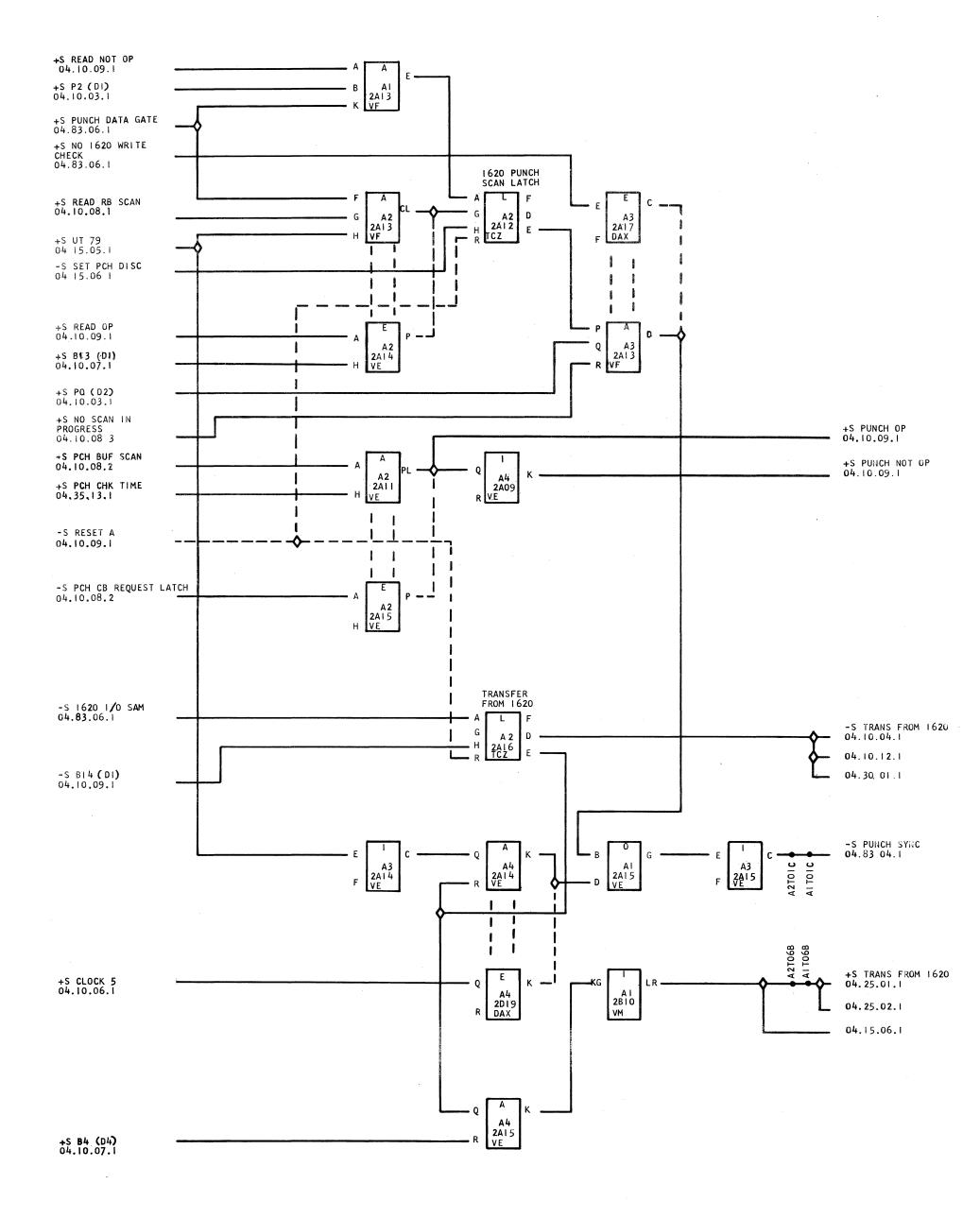
615154

802300 802363 802592 802603A 802638

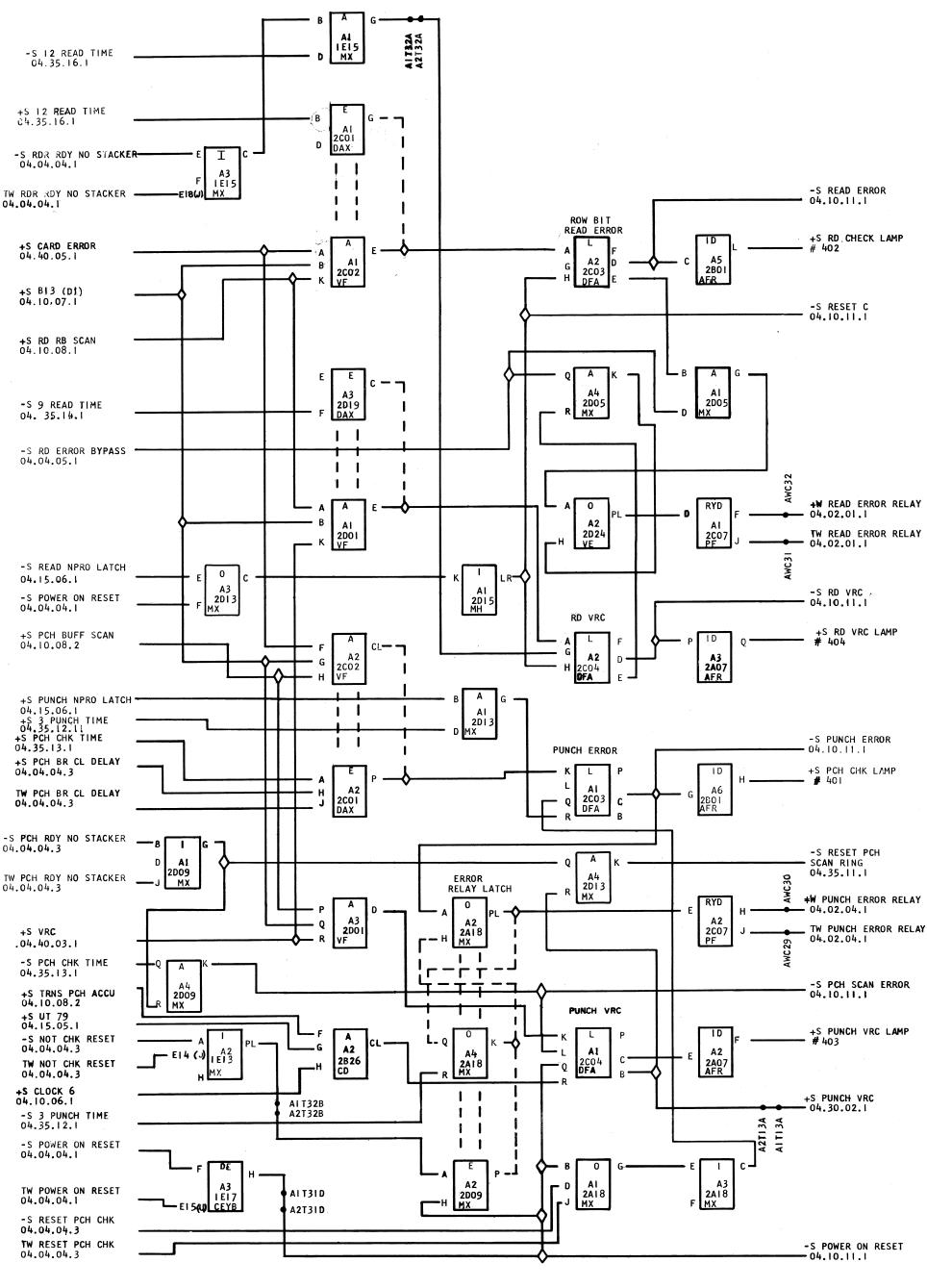




615156 EC 802300 802363 802603A



ERROR LATCHES

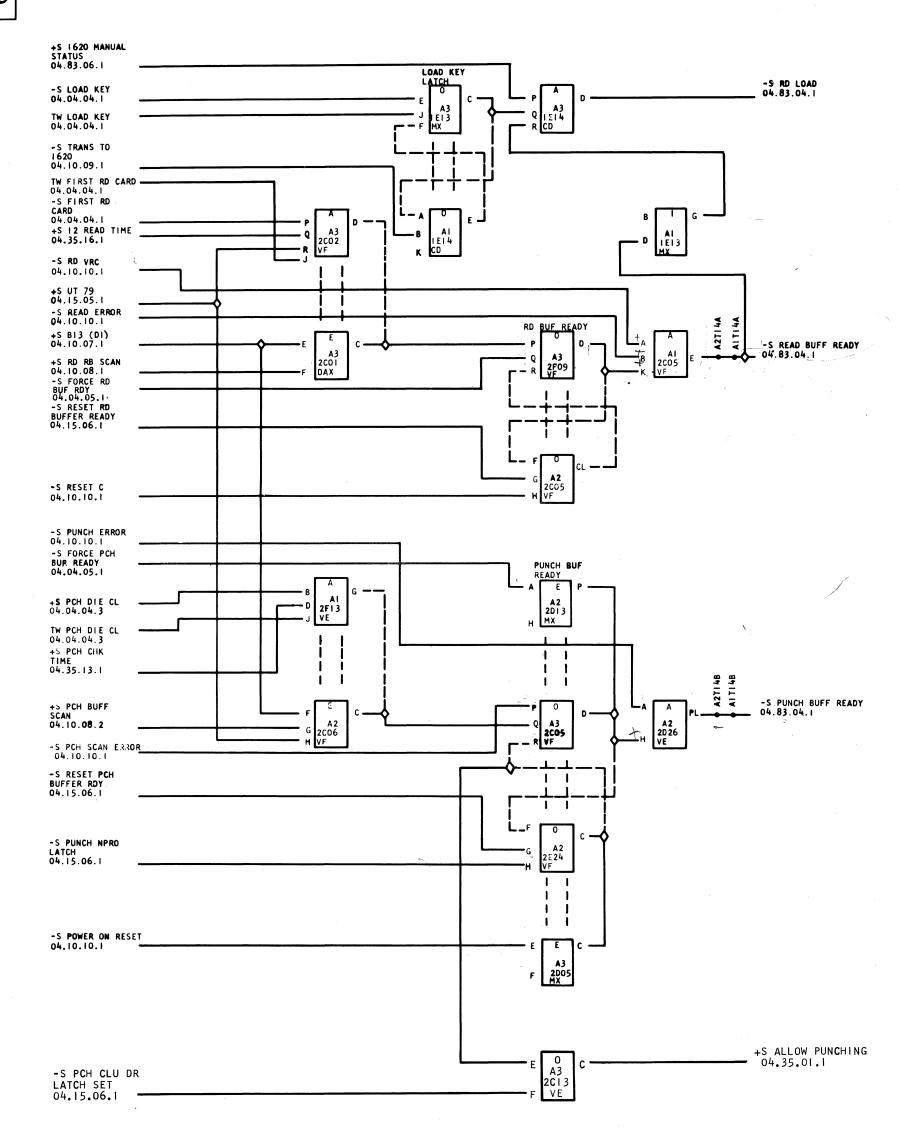


615158 EC 802300 802363 802455 802592 802603A DISCONTINUED

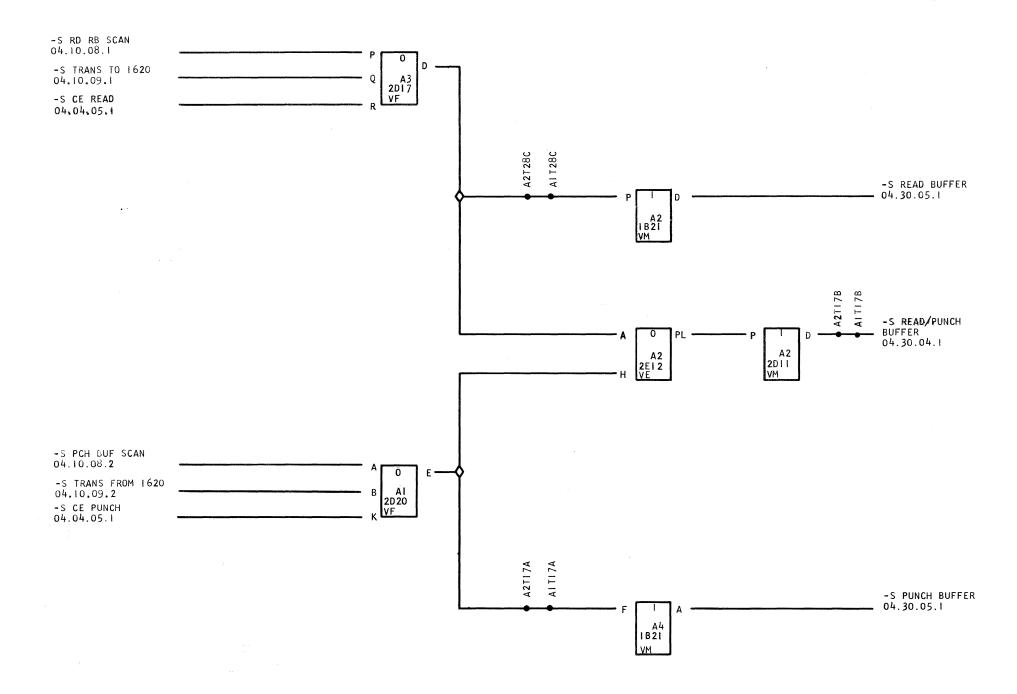
READY LATCHES

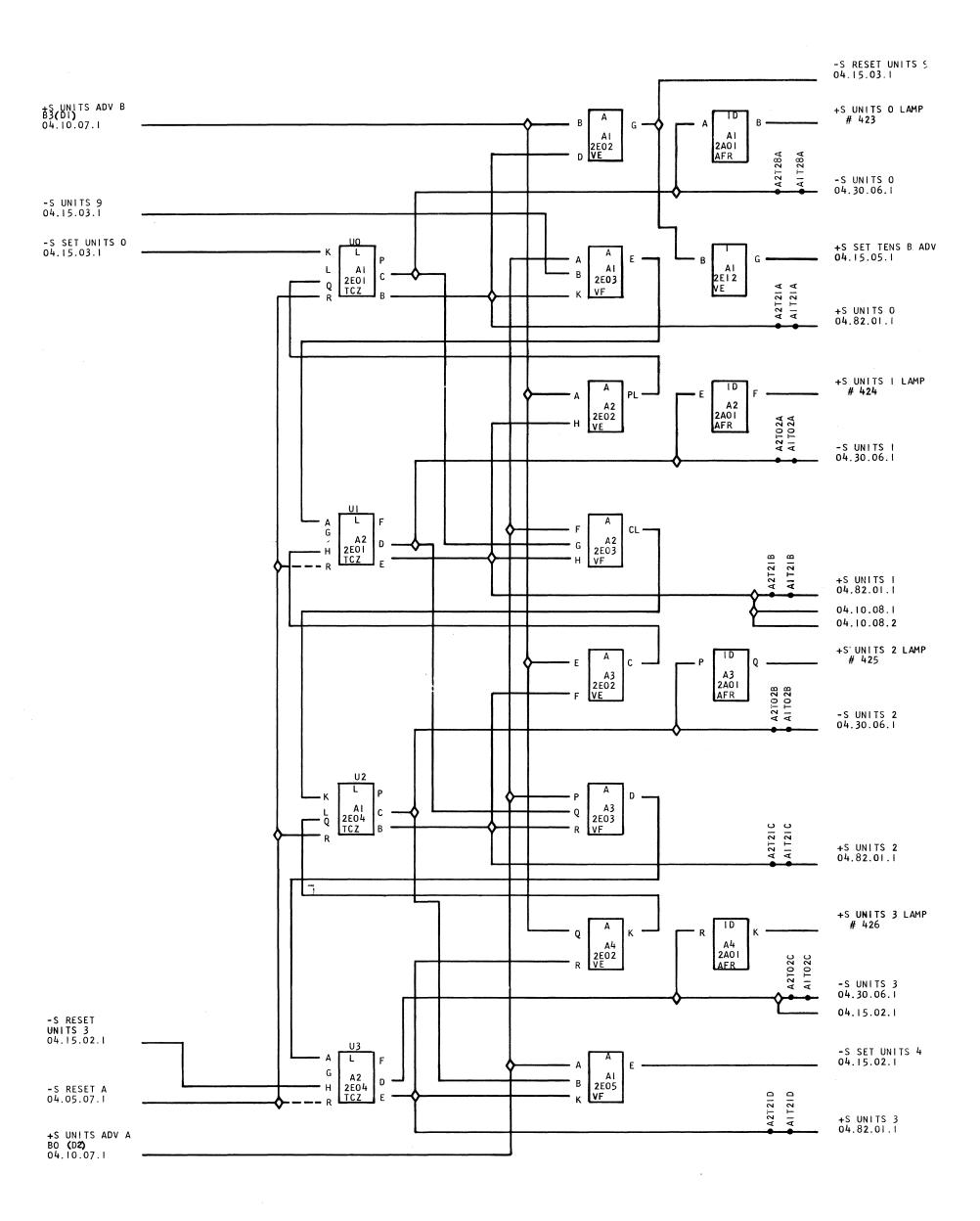
1622

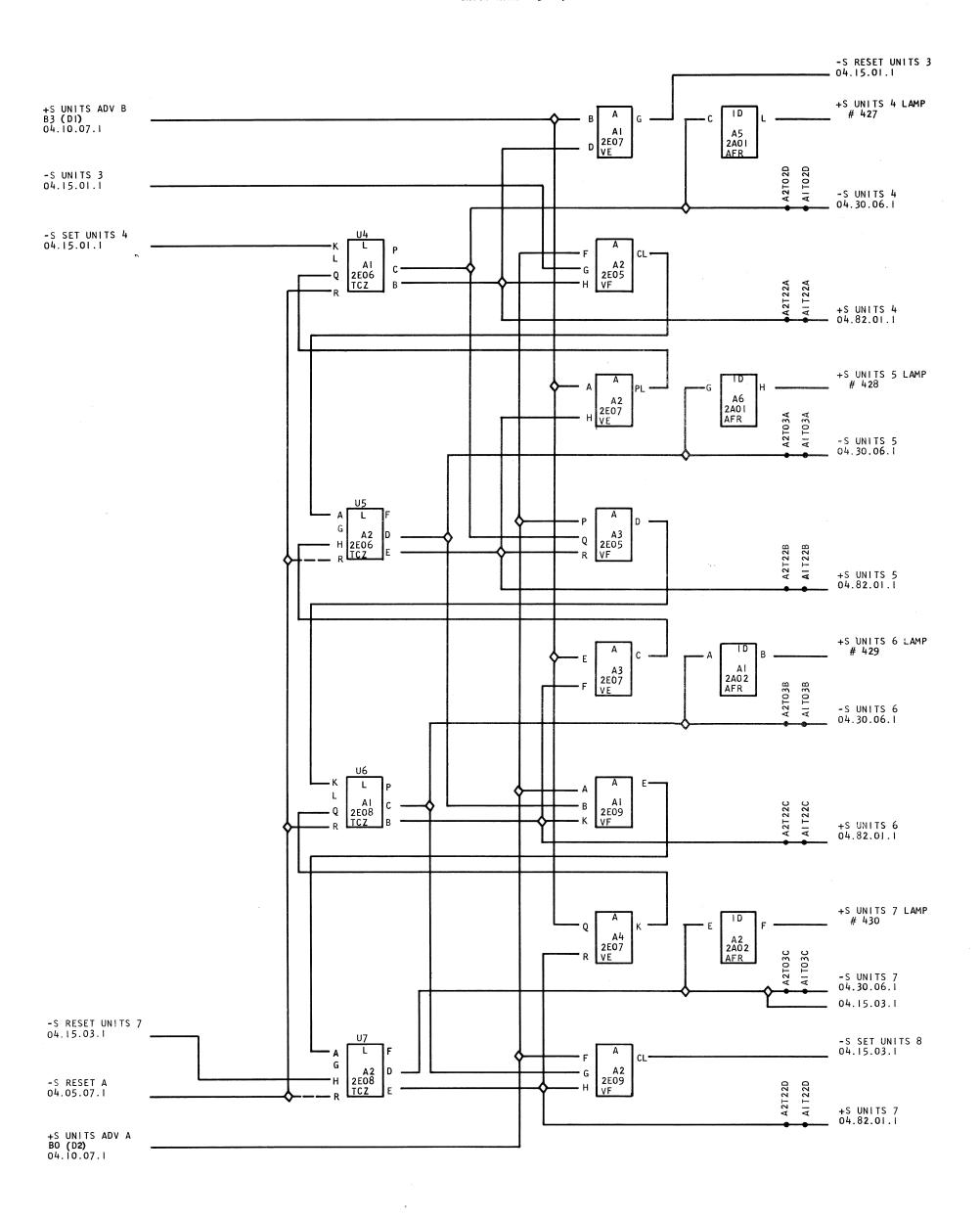
04.10.11.1

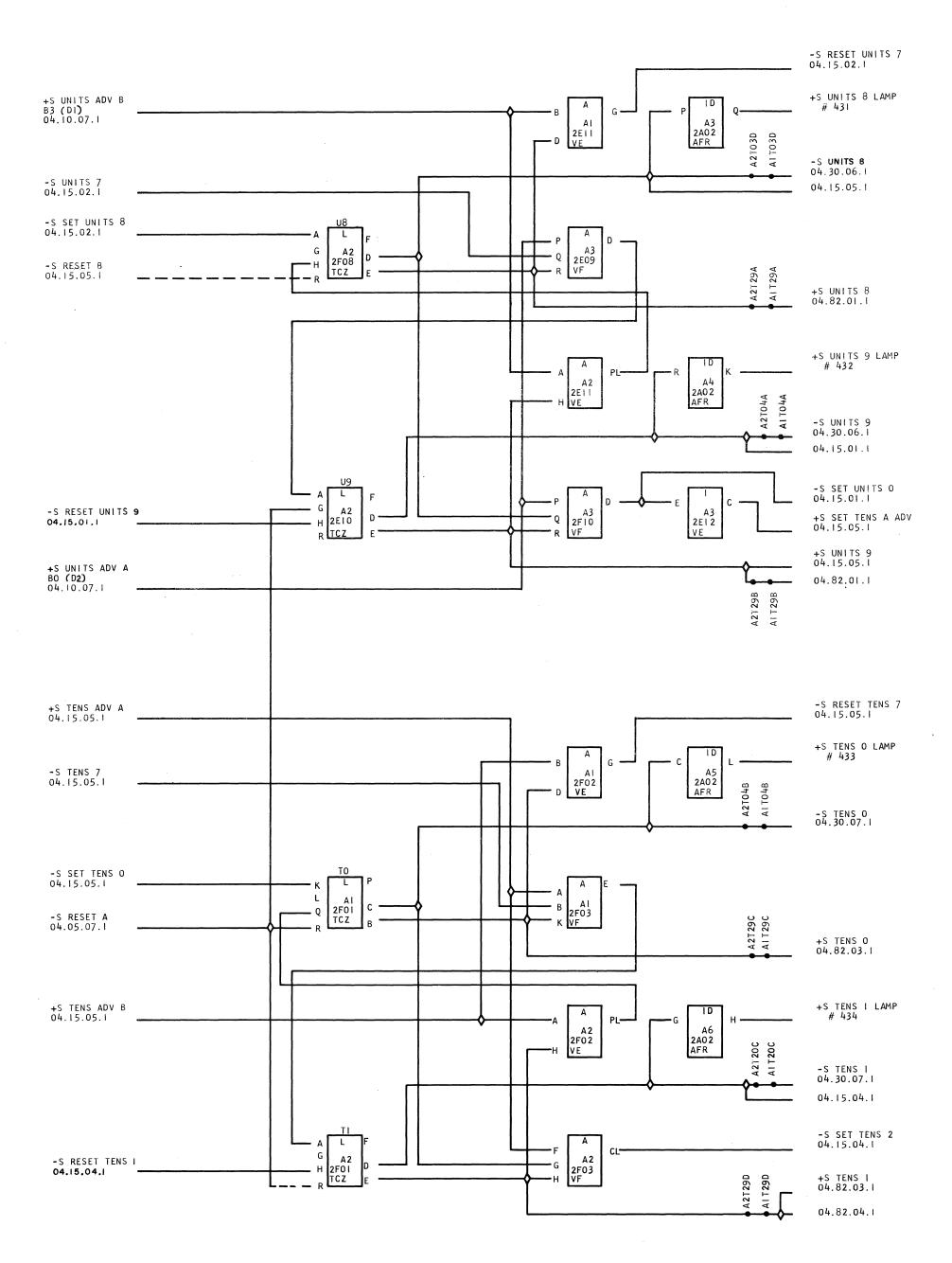


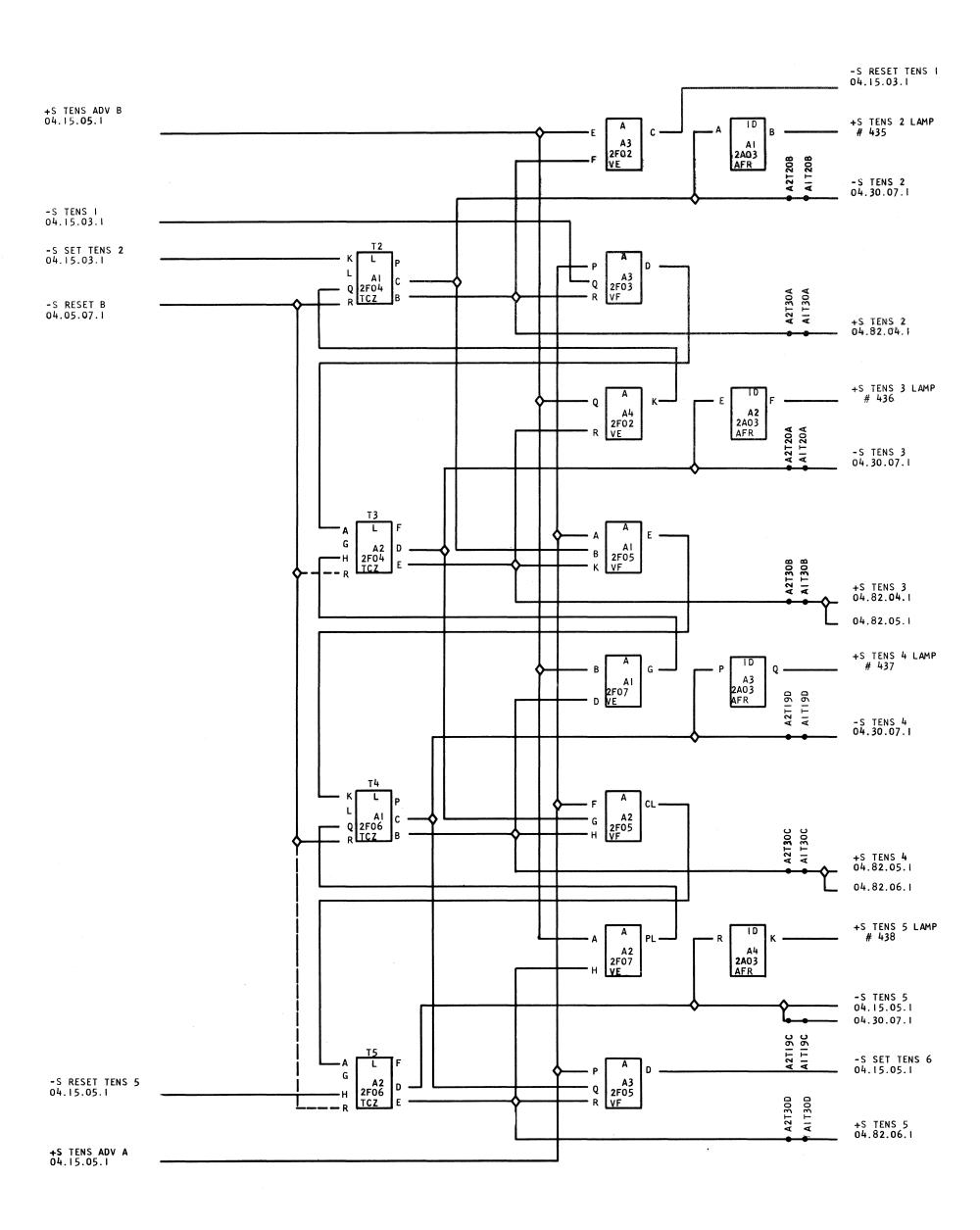
INTERNATIONAL BUSINESS MACHINES CORP.	DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE SOLE SEES	DEVELOPMENT NO.
NAME PREVENT THE LOSS OF PUNCH DATA	12-7-62	80 <b>26</b> 38F			X PRINT TO ENG. SPEC. NO. 894947	605829
DESIGN 488 /2/7/62 MODEL 1622						
DETAIL			l			
CHECK \$53 12-7-62 DRAW						
APPRO X 7 11-7-67 CHECK						

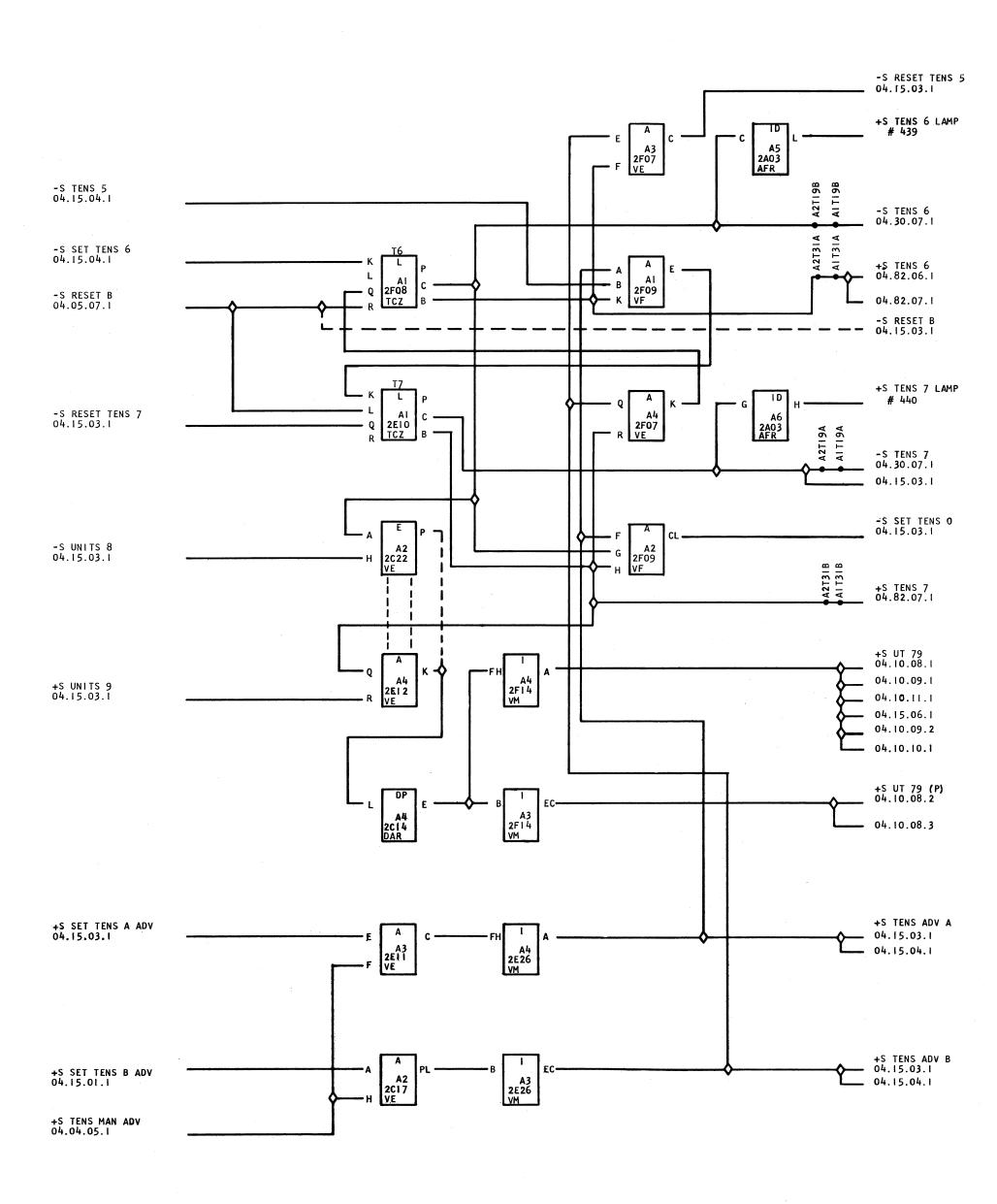










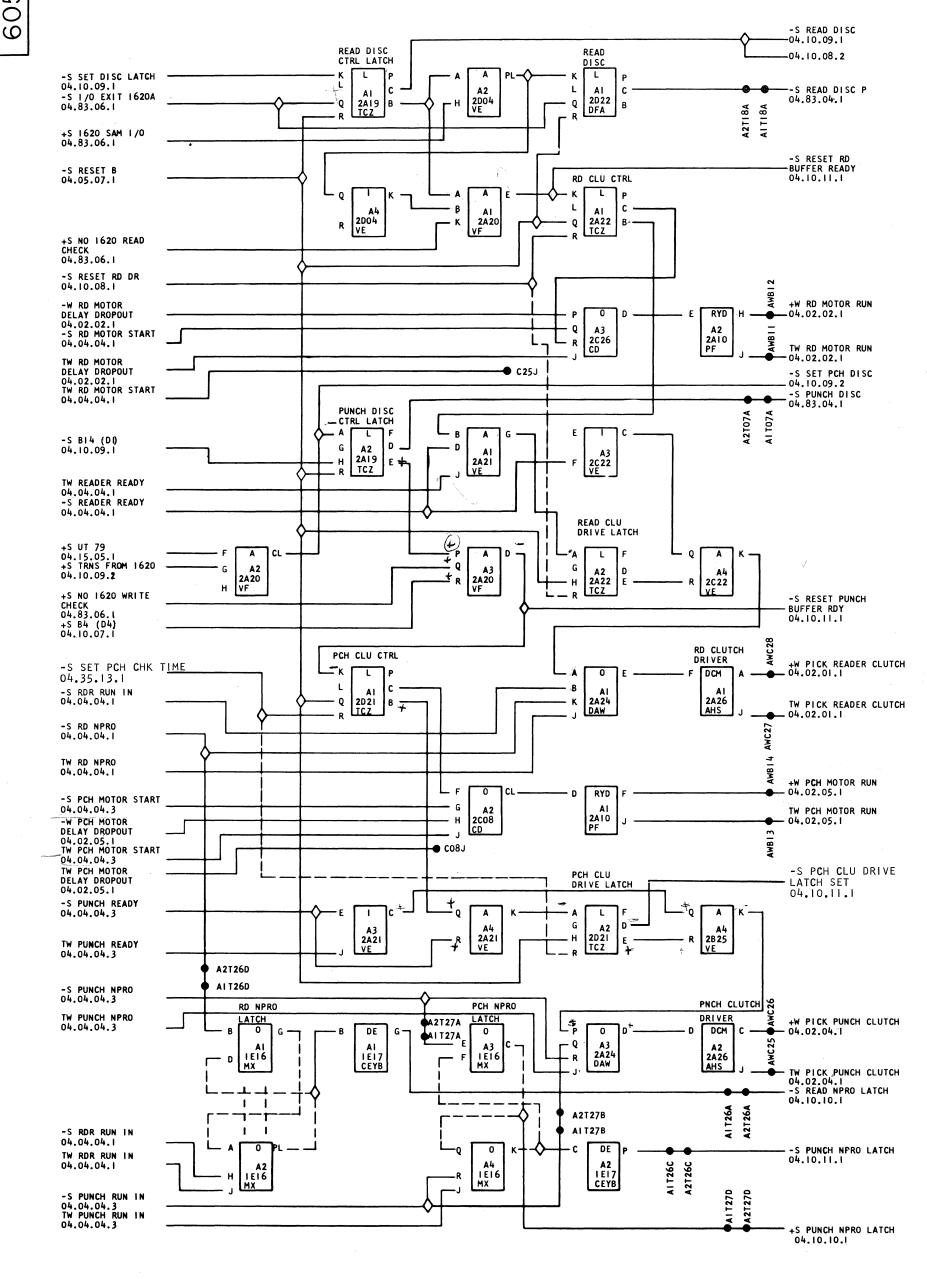


DISCONTINUED

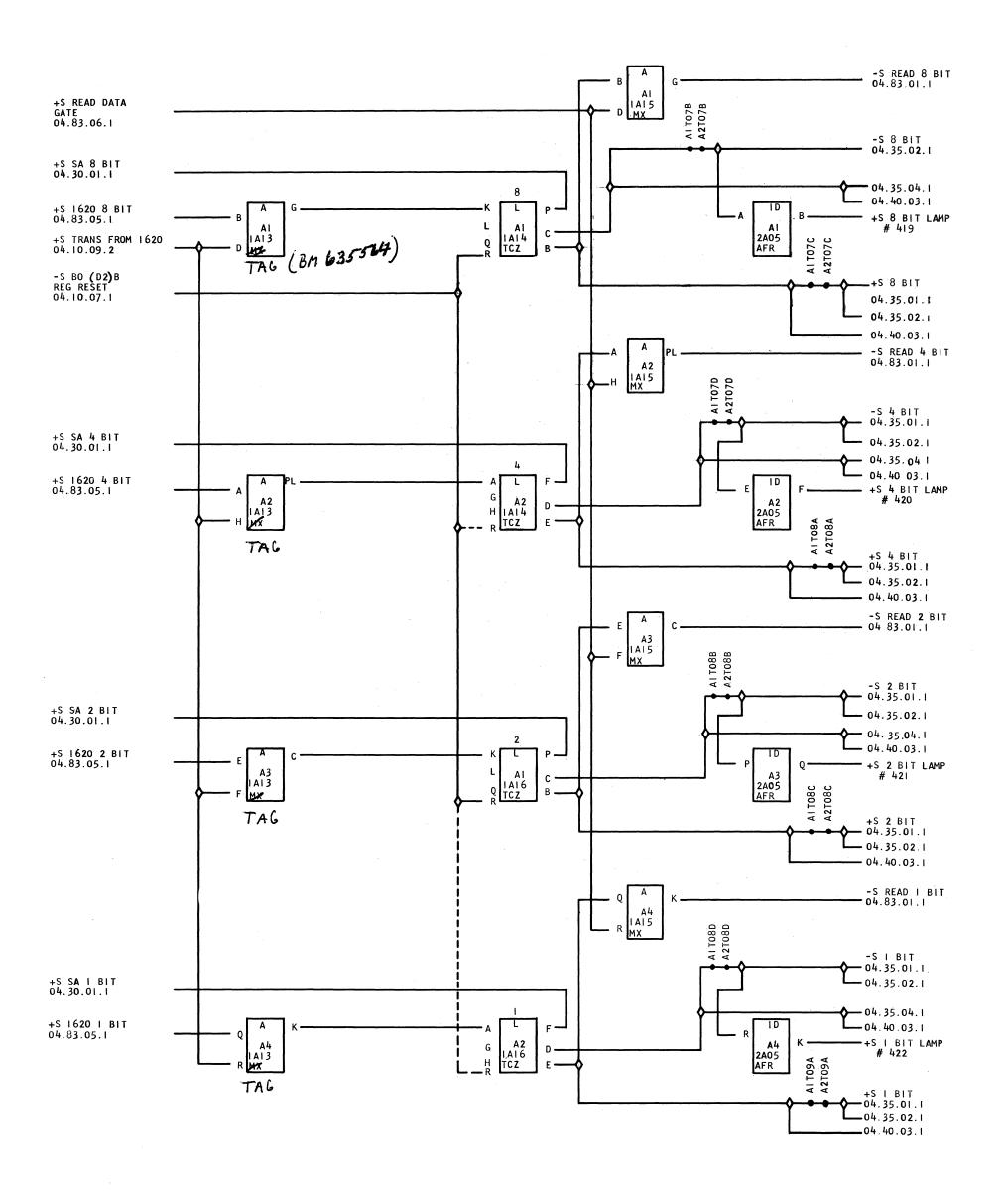
READ PUNCH DISCONNECT

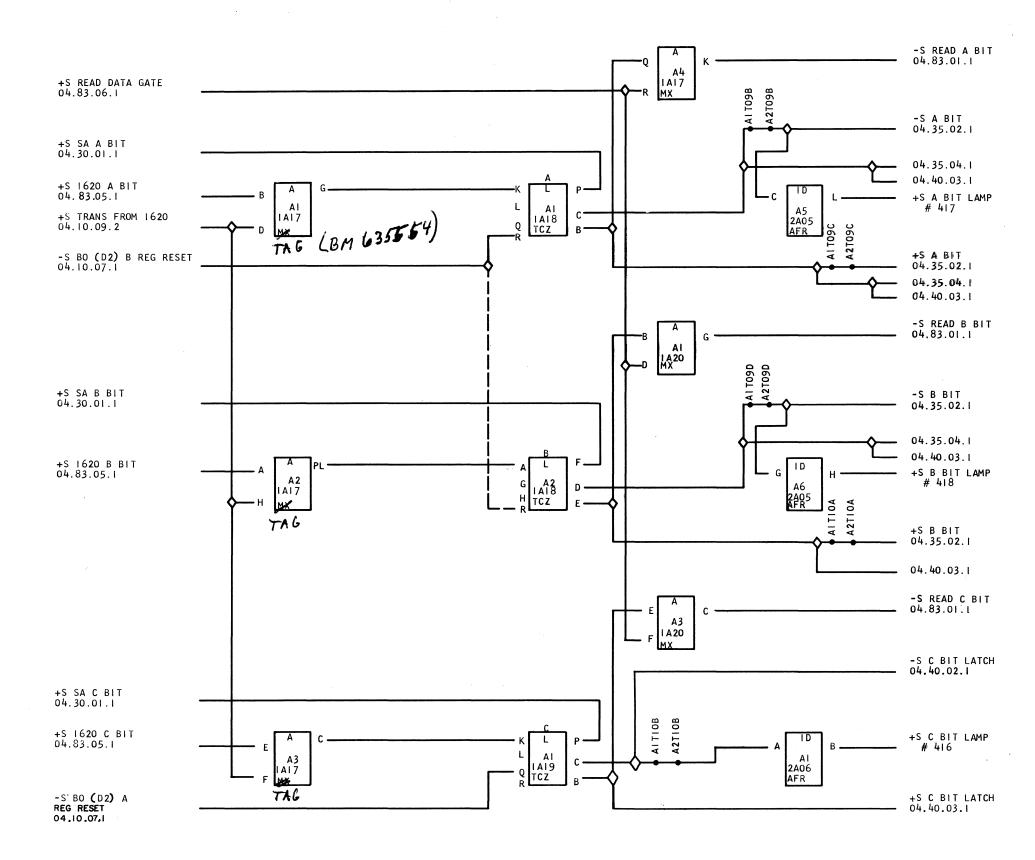
1622

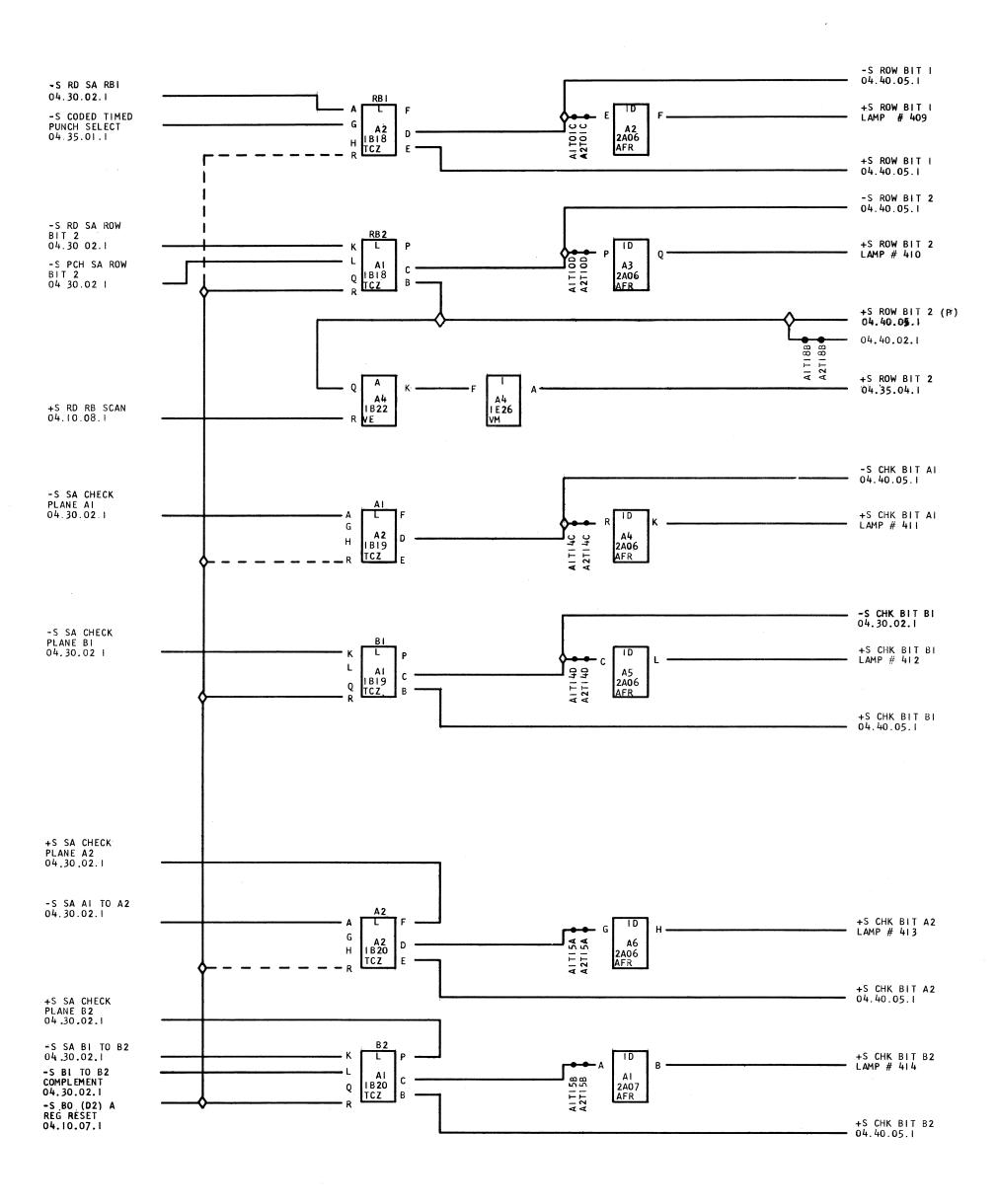
04.15.06.1

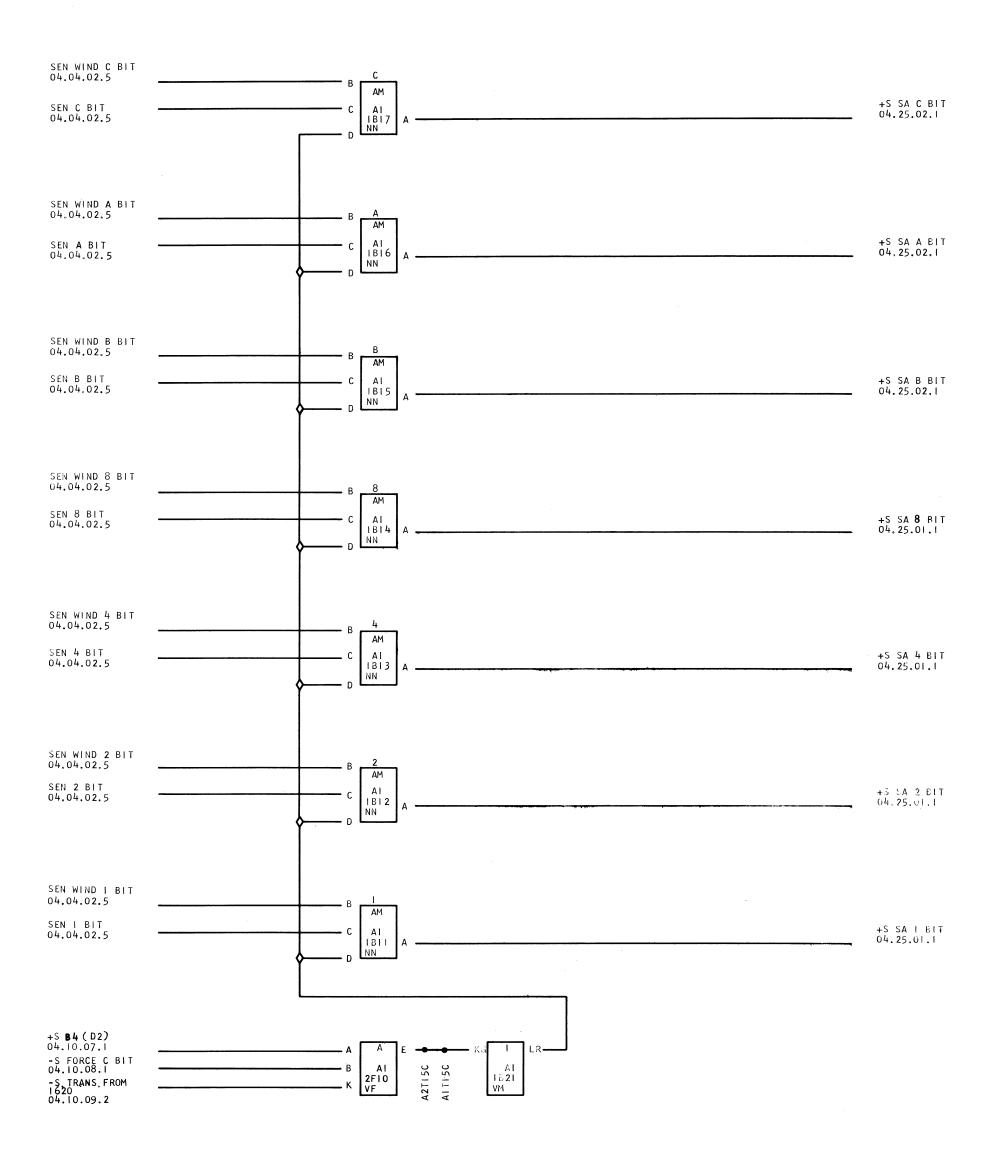


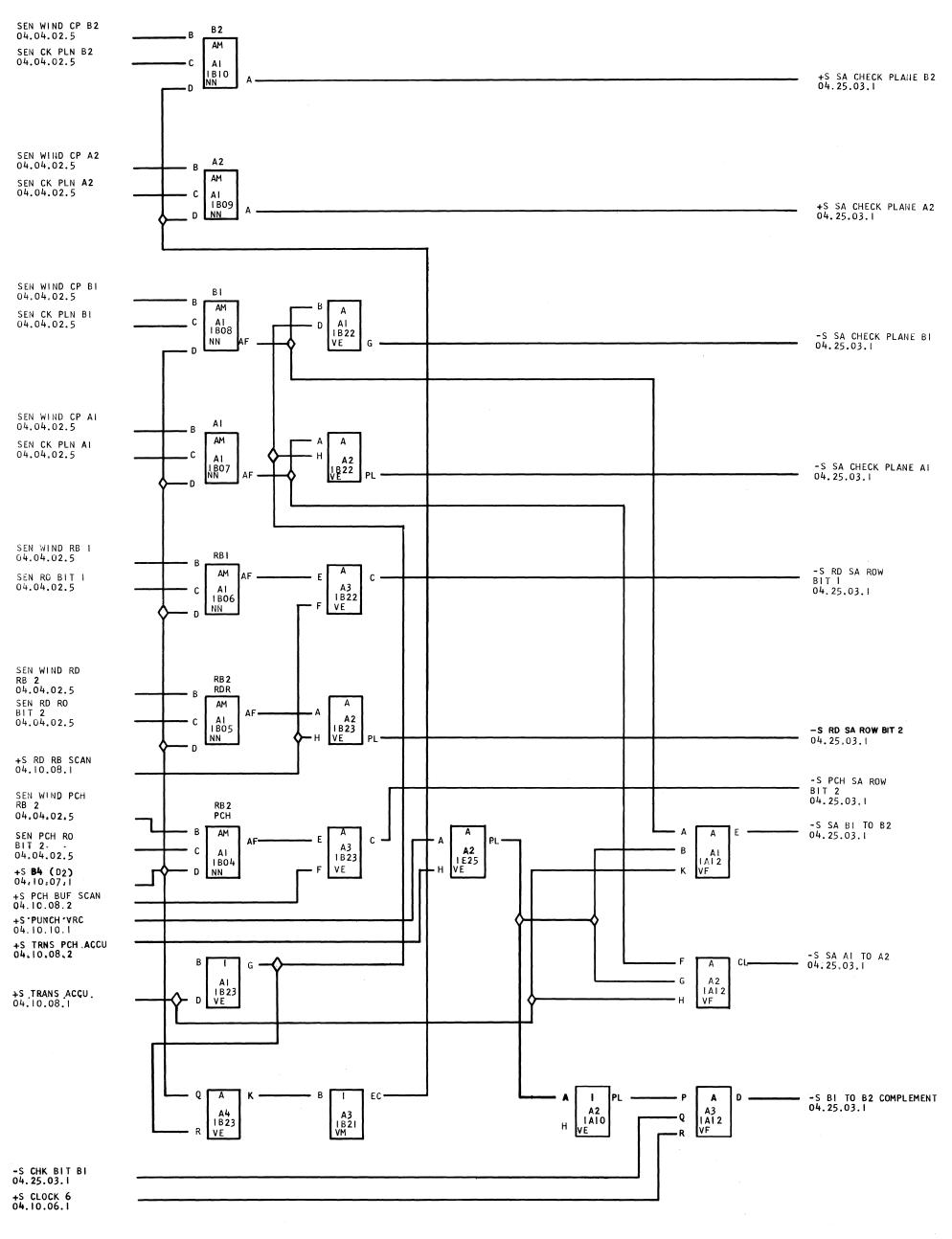
IN	INTERNATIONAL BUSINESS MACHINES CORP.				DATE	TE CHANGE NO. DATE CHANGE NO.		NOTE STATE TO SUG SEES	DEVELOPMENT NO.		
NAME	PREVENT T	HE LOSS OF	PUNCH	ATAD H	12-7-62	802638F			X PRINT TO ENG. SPEC. NO. 894947	605830	
										003030	
DESIGN	GBE 12/2	7/62 MODEL	1622								
DETAIL											_
CHECK	X 12-	7.62 DRAW									
APPRO	X55 12-	1 LY CHECK									



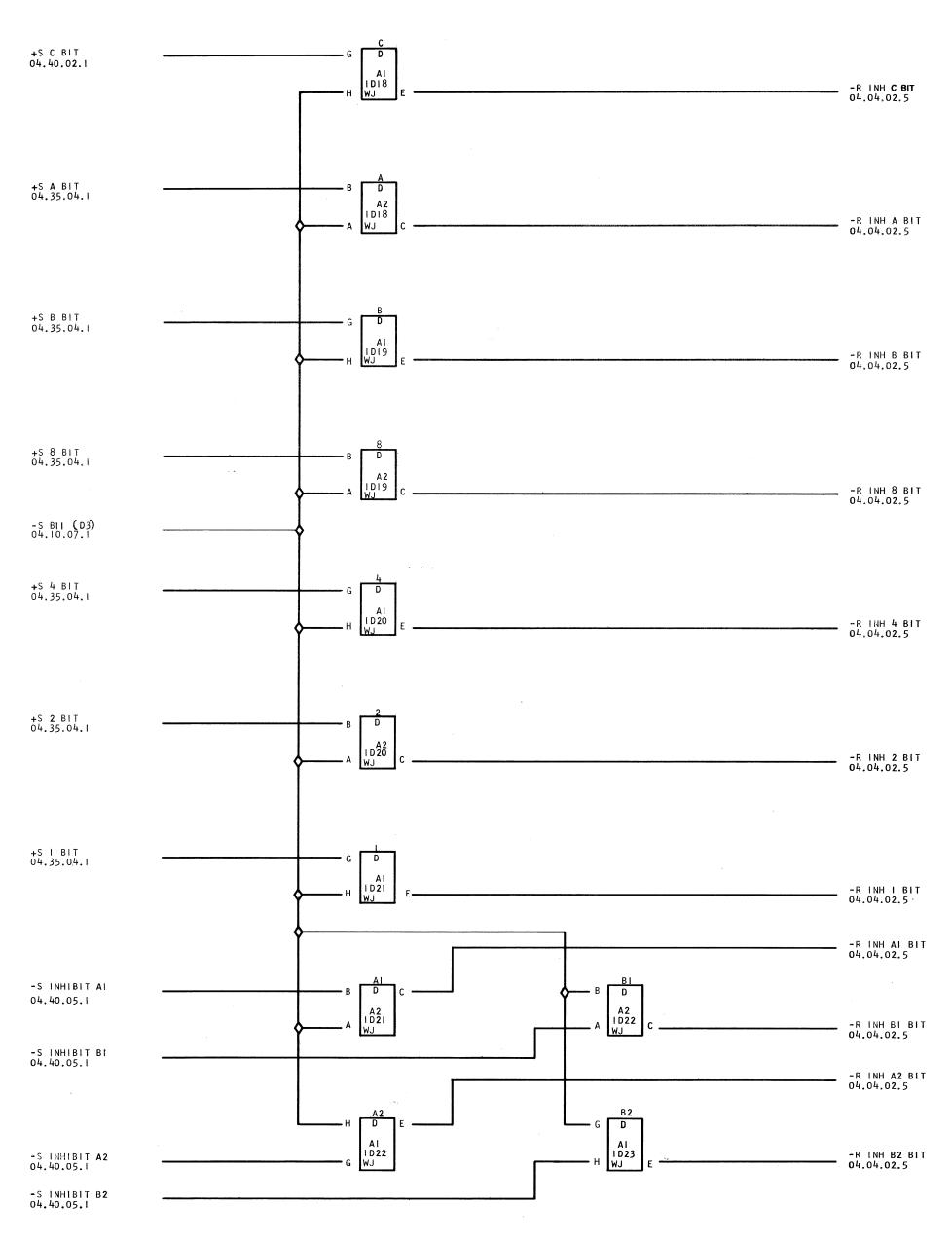




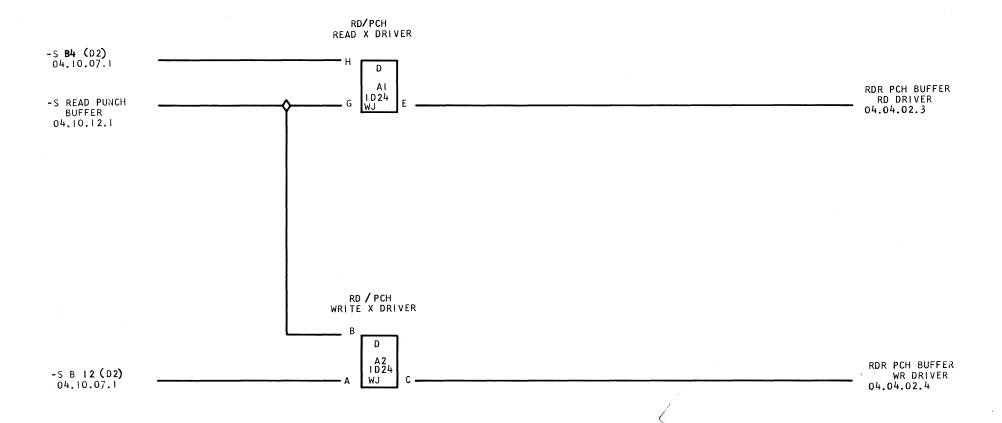


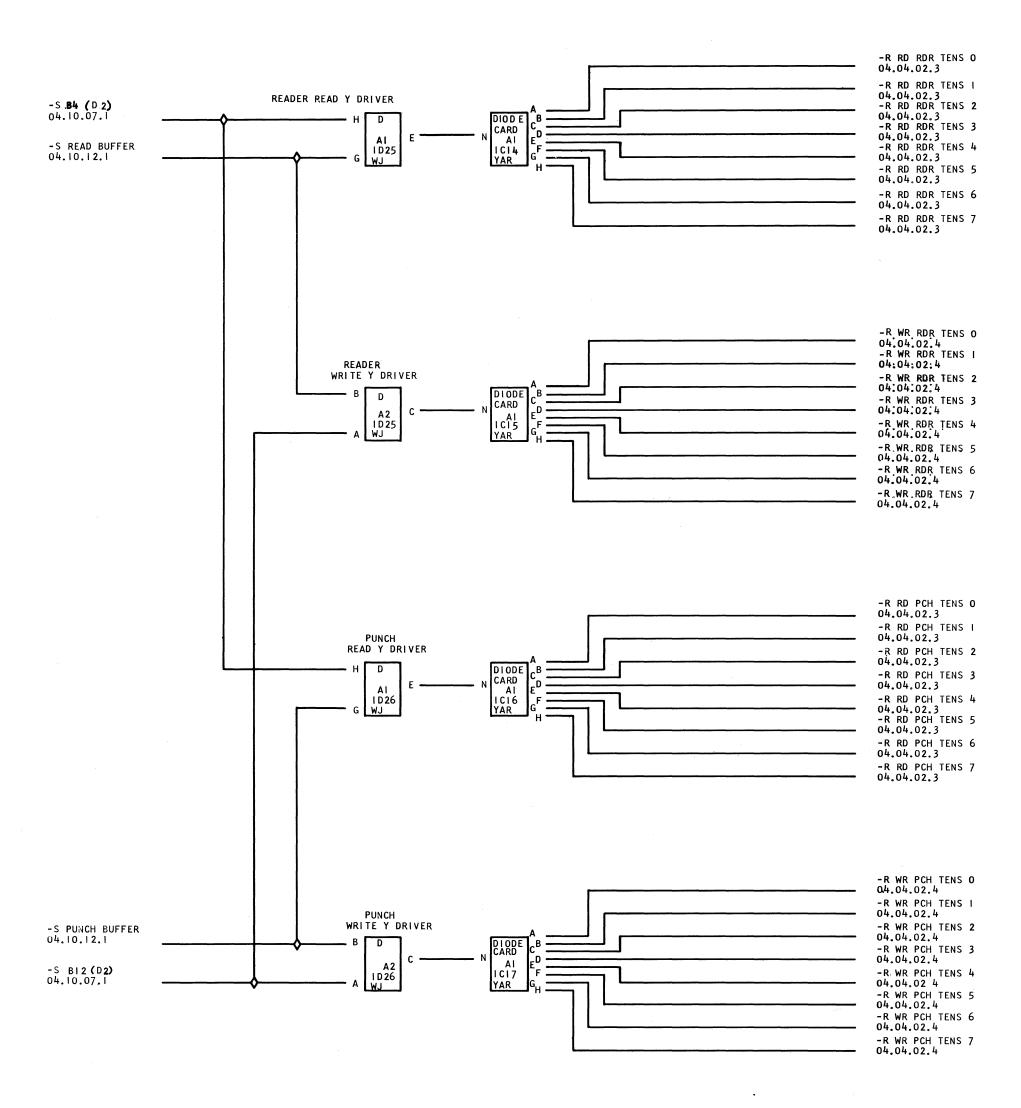


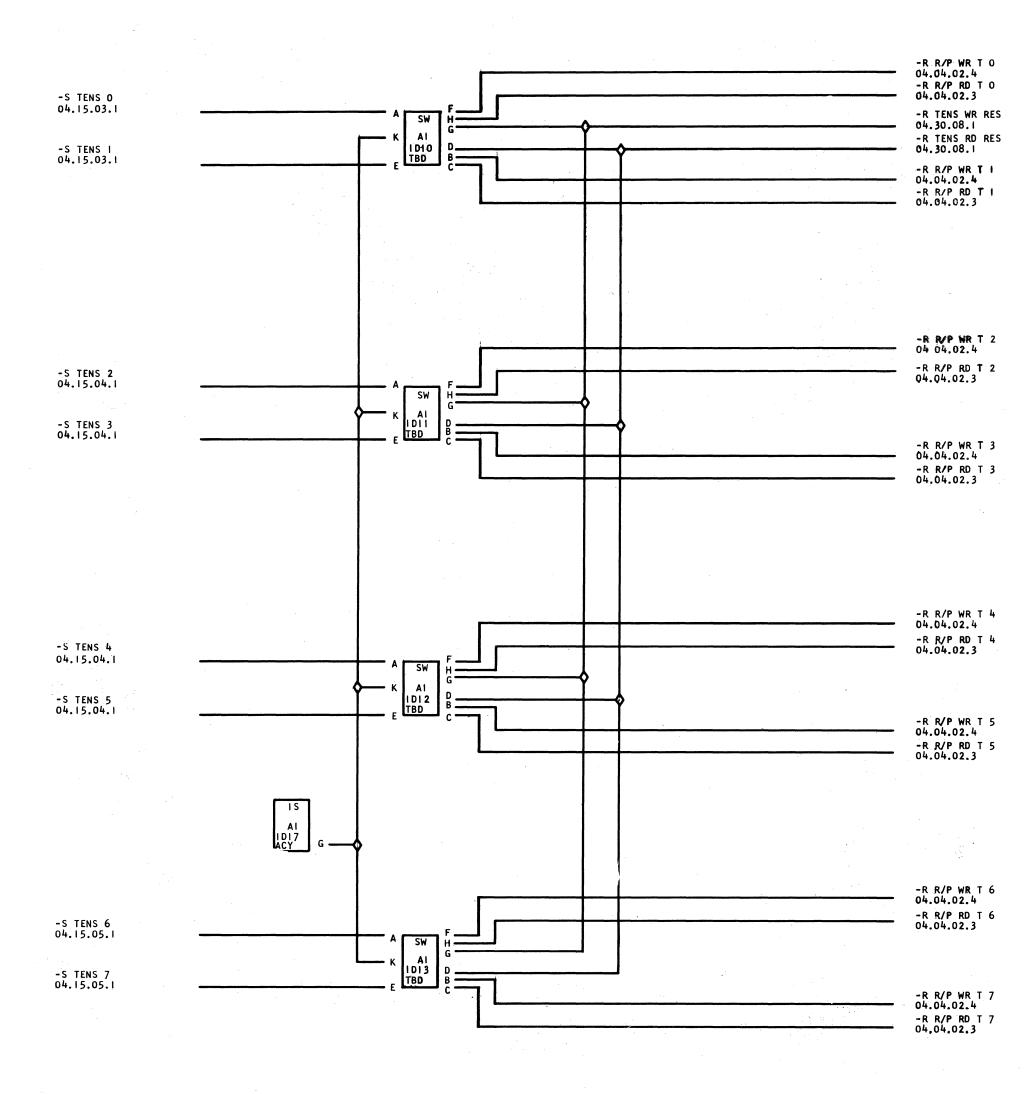
615171 EC 802300 802455 802592 802458A 802603A



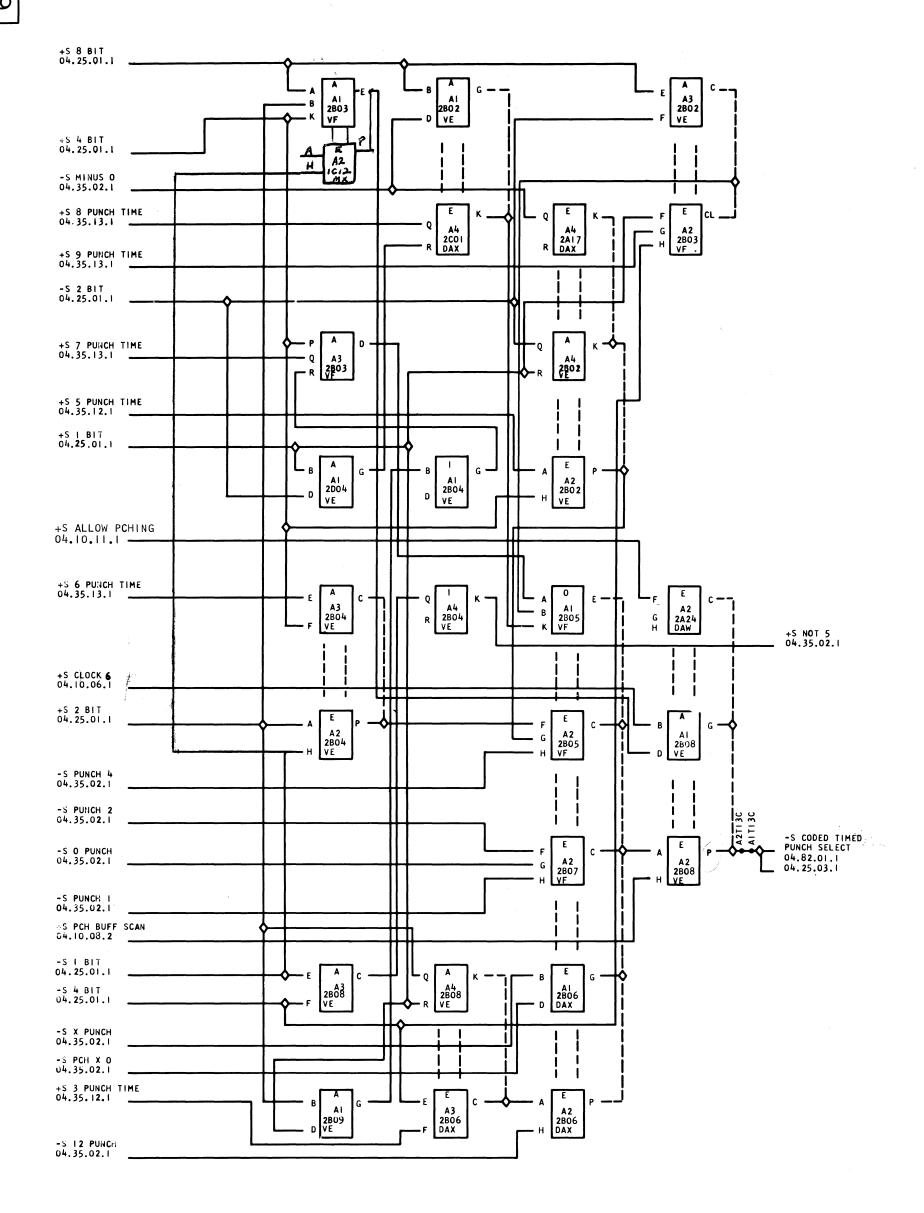
615172 EC 802300 802603A



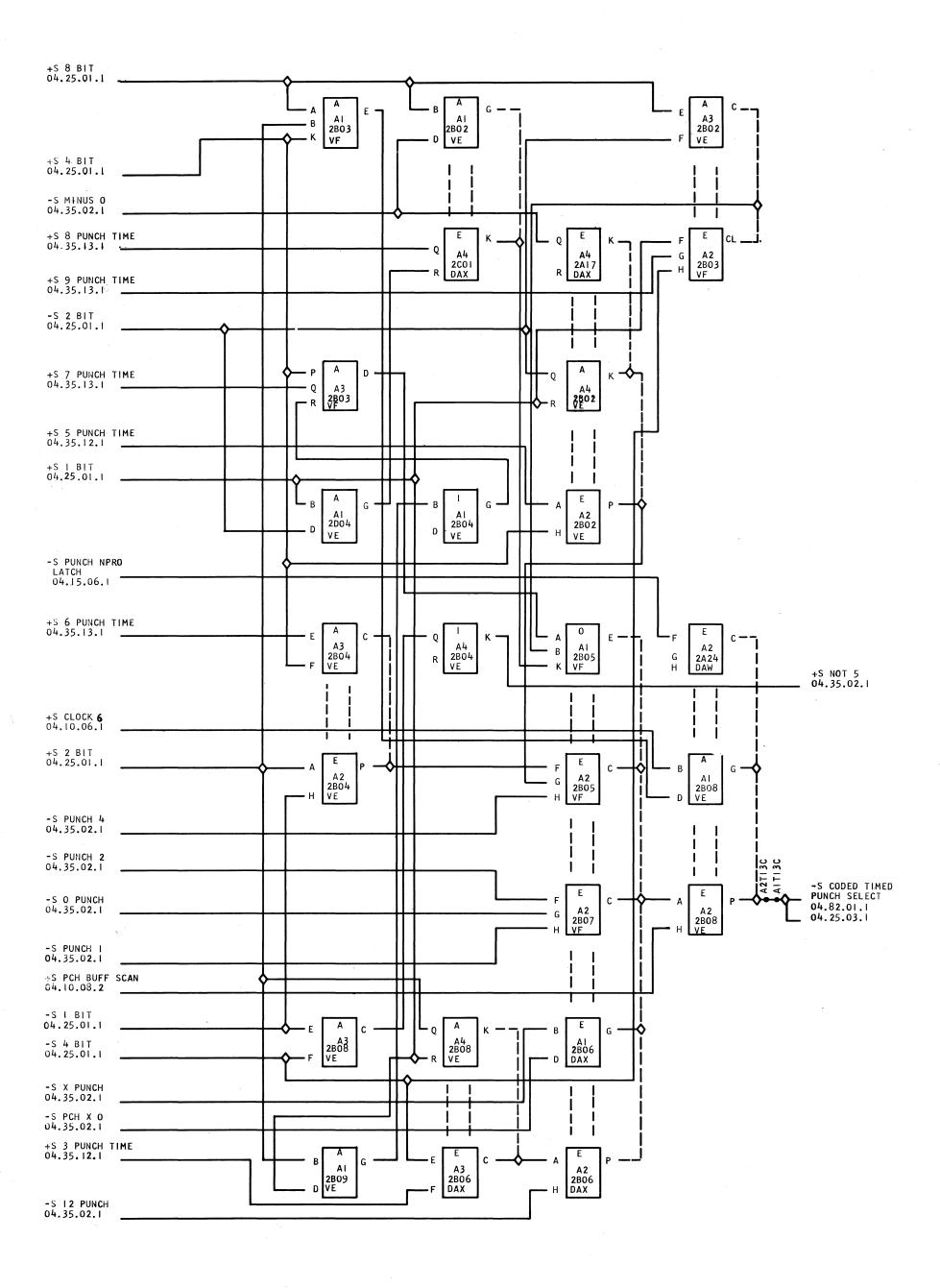


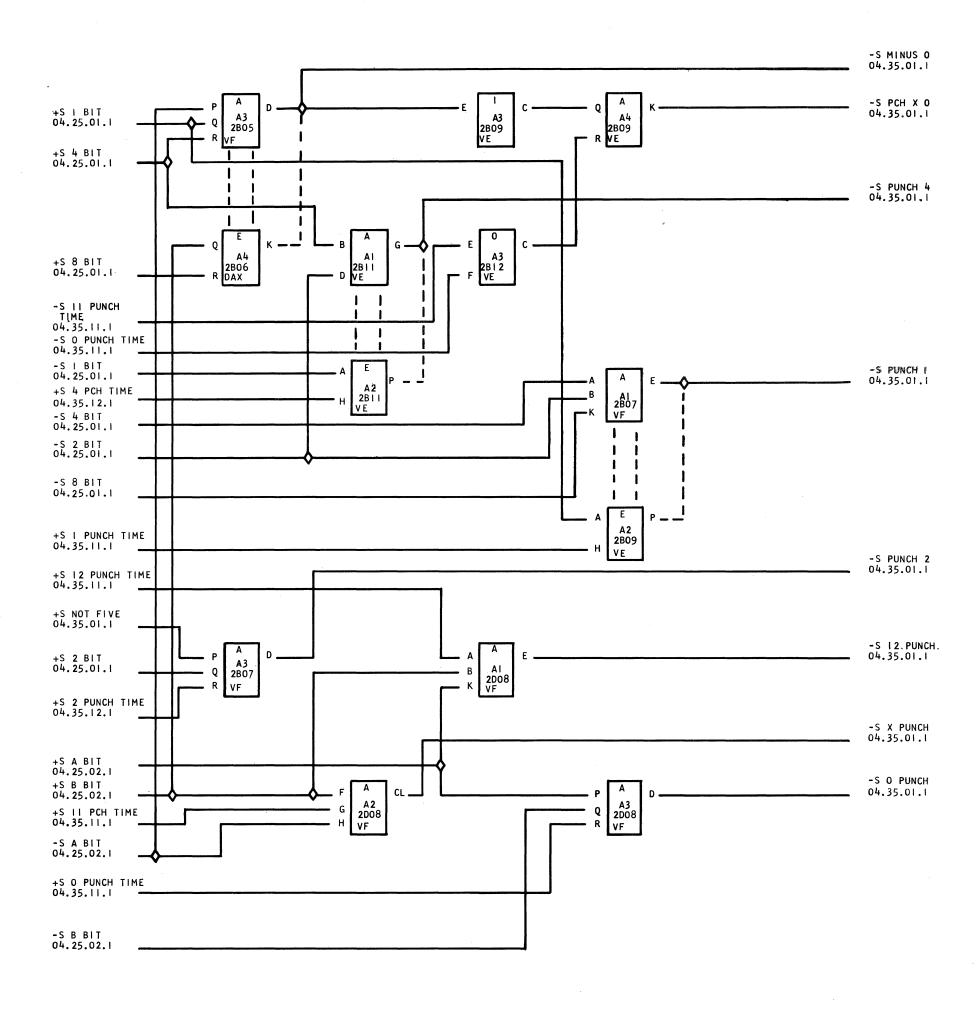


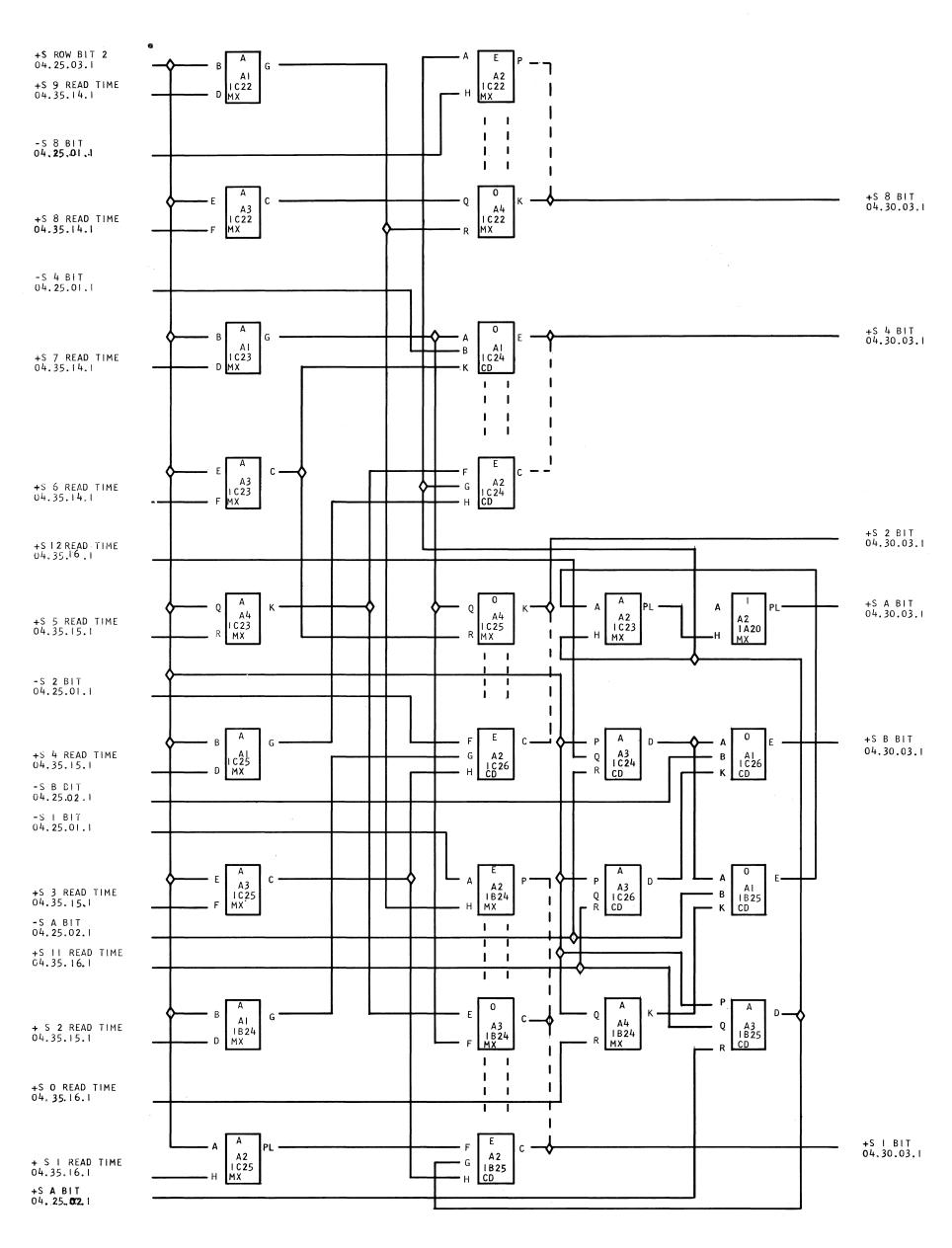
04.35.01.1



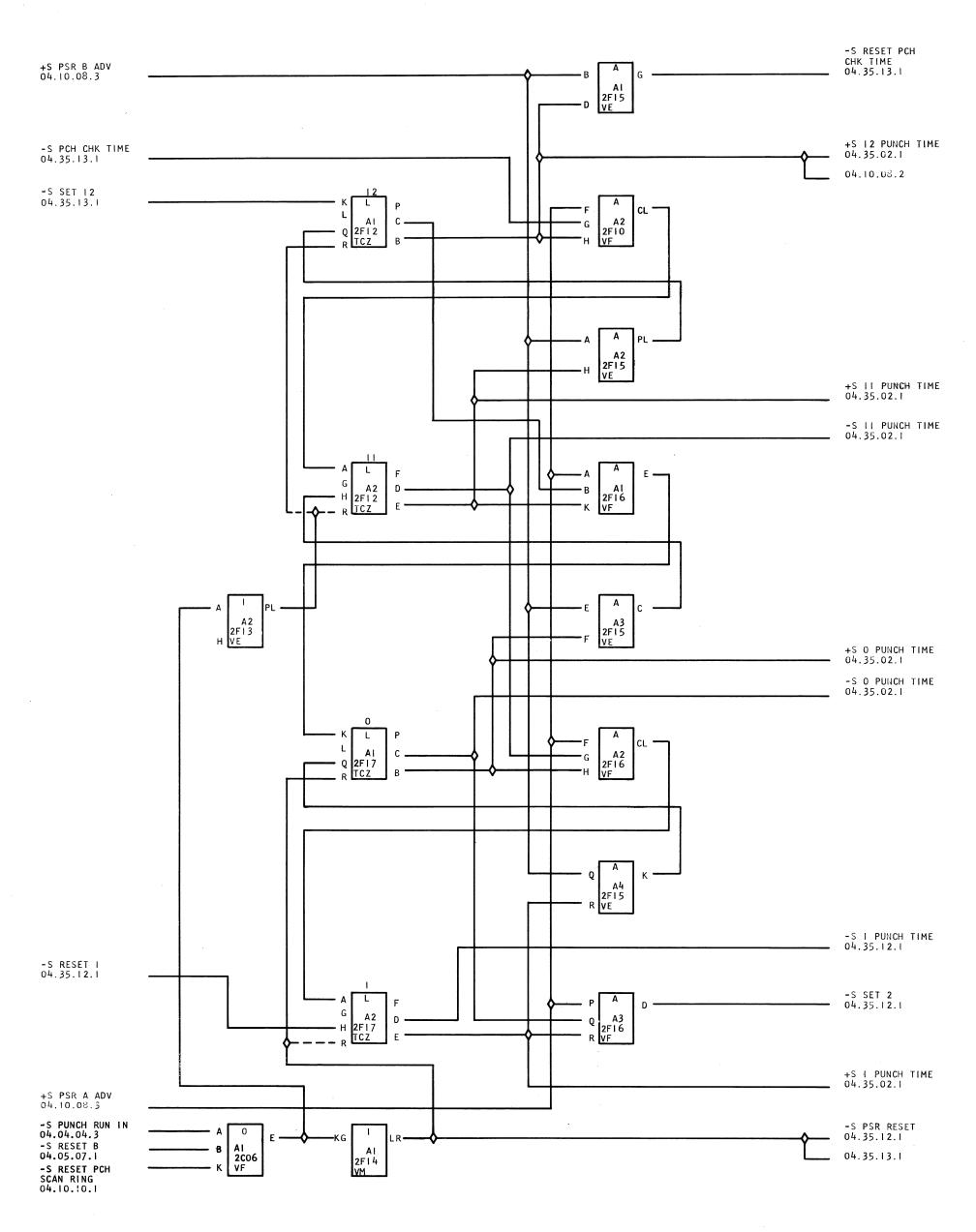
IN	NTERNATIONAL BUSINESS MACHINES CORP.	DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.	
NAME	PREVENT THE LOSS OF PUNCH DATA	12-7-62	80 <b>2</b> 638F			<b>X PRINT TO ENG. SPEC. NO.</b> 894947	605831	
DESIGN	1 4BE 12/7/62 MODEL 1622						000001	
DETAIL								
CHECK	12-7-64 DRAW							
APPRO	12-7-62 CHECK							



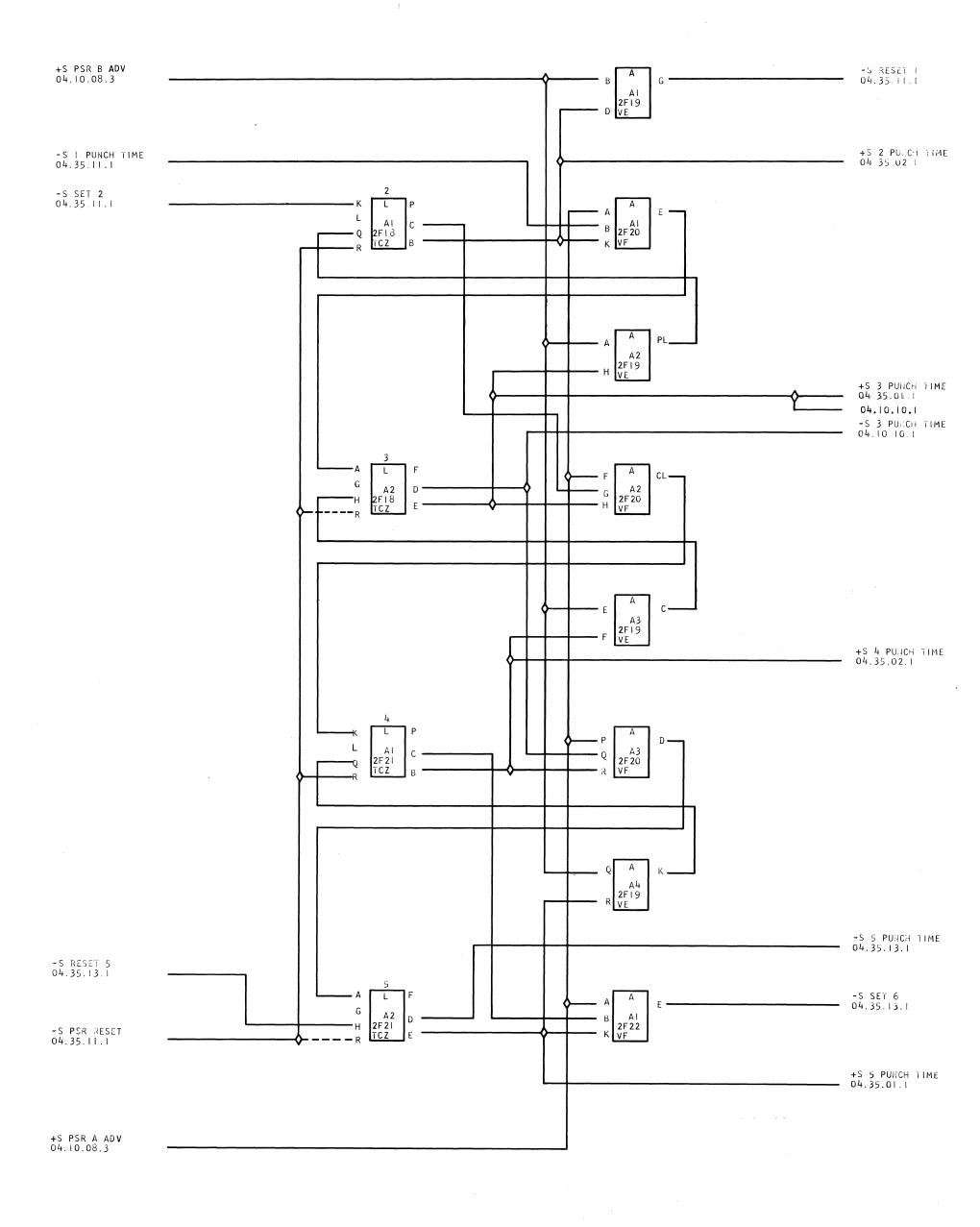


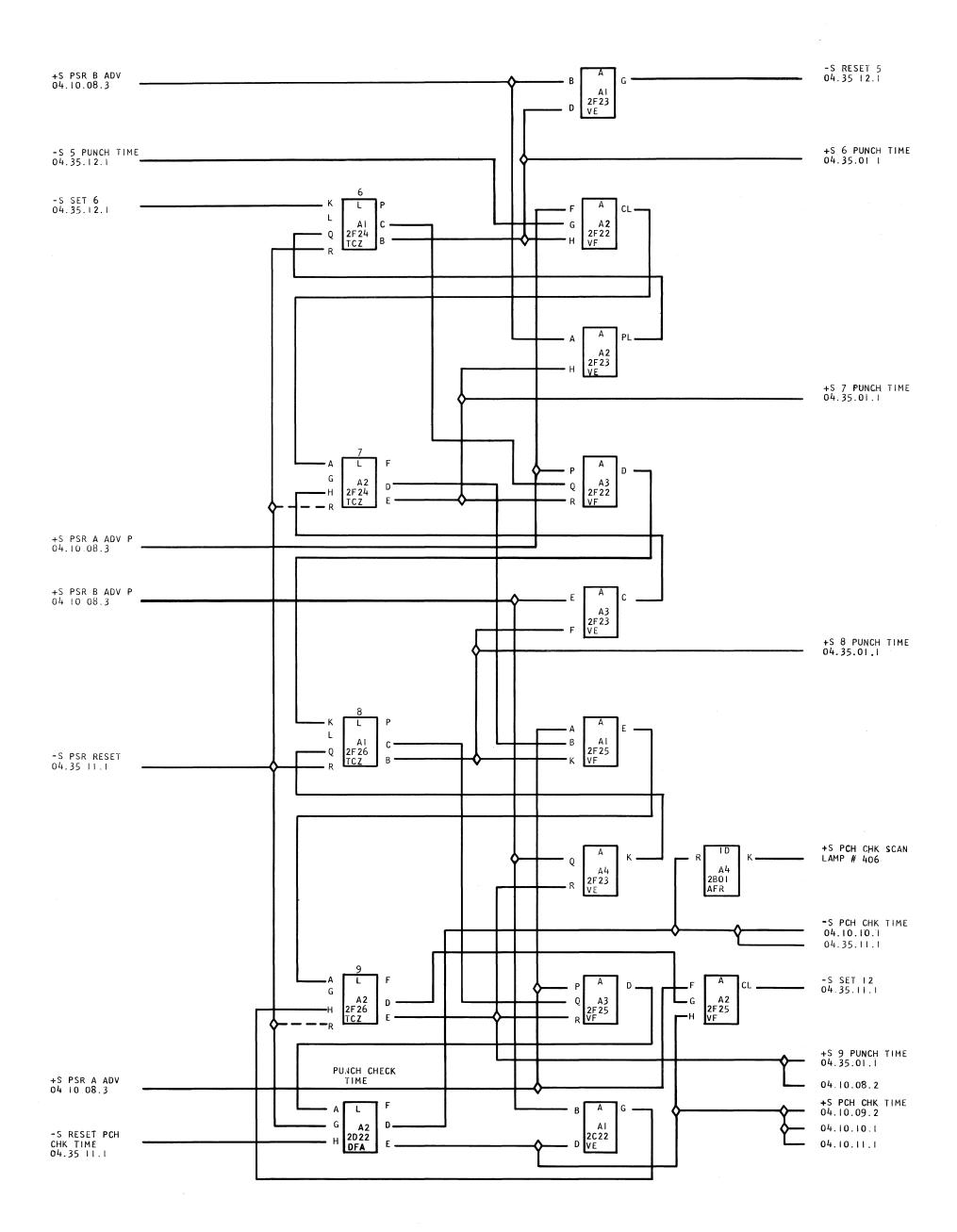


615180 EC 802300 802603A

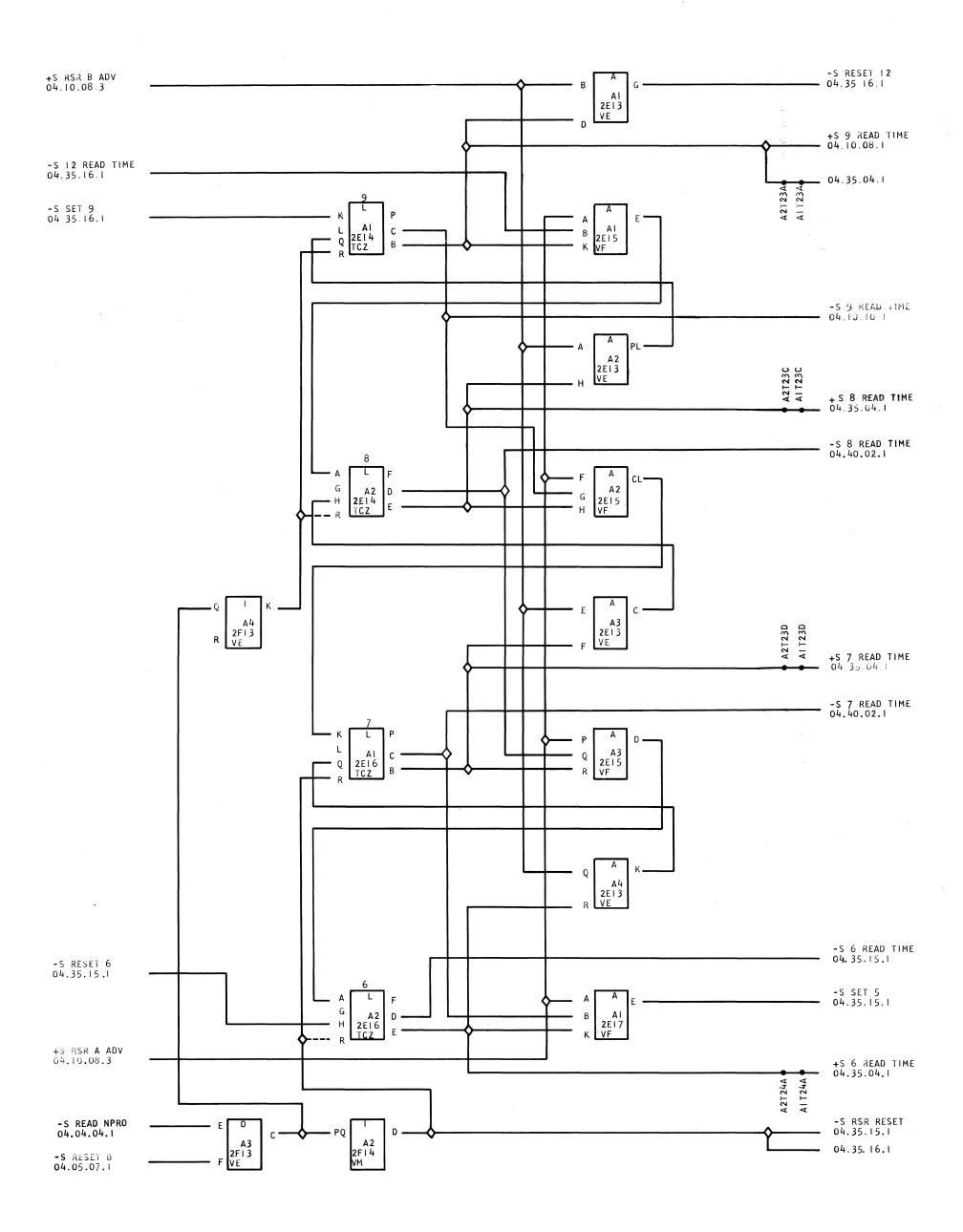


615181 EC 802300 802603A





615183 EC 802300 802363 802603A



615184 EC 802300 802603A



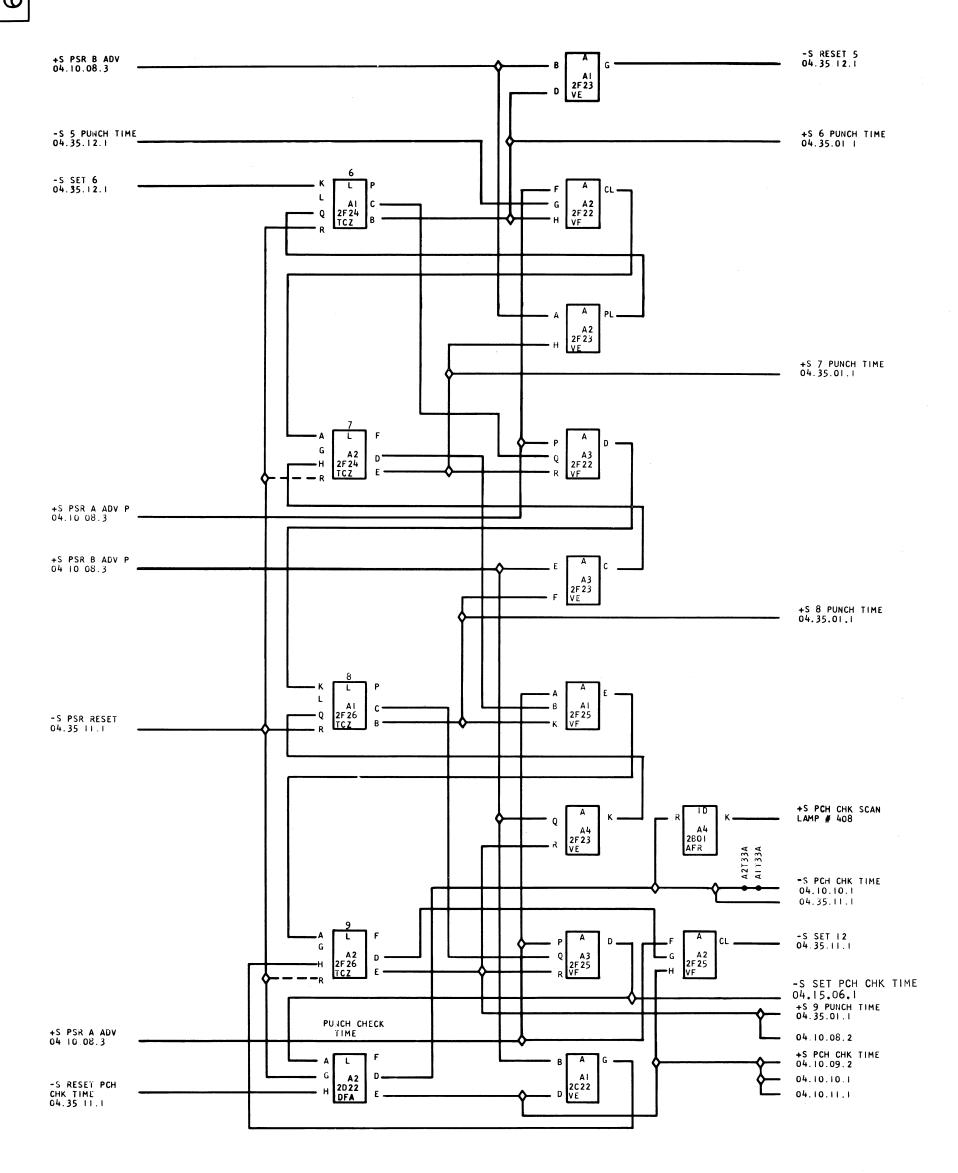
)

١

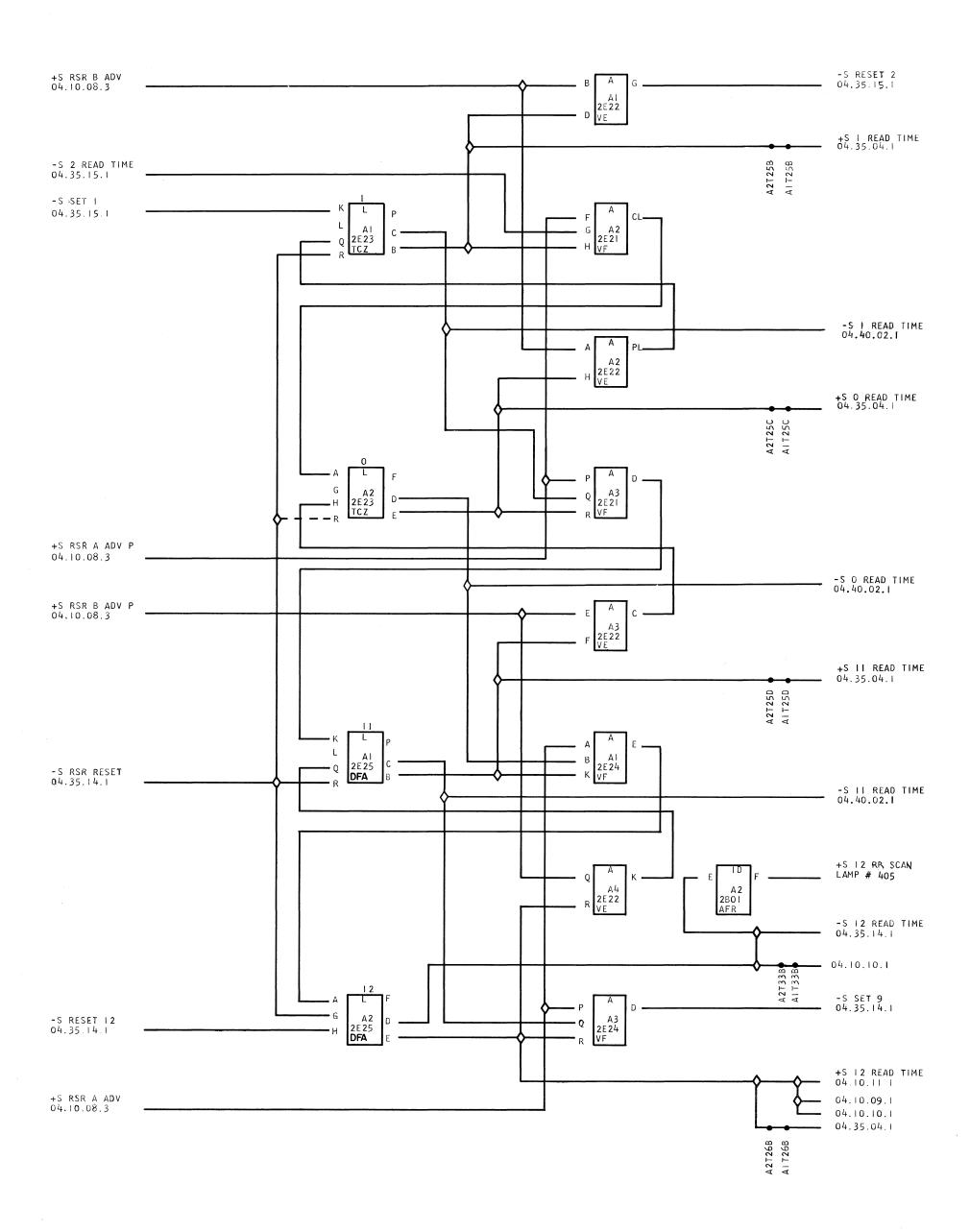
DISCONTINUED

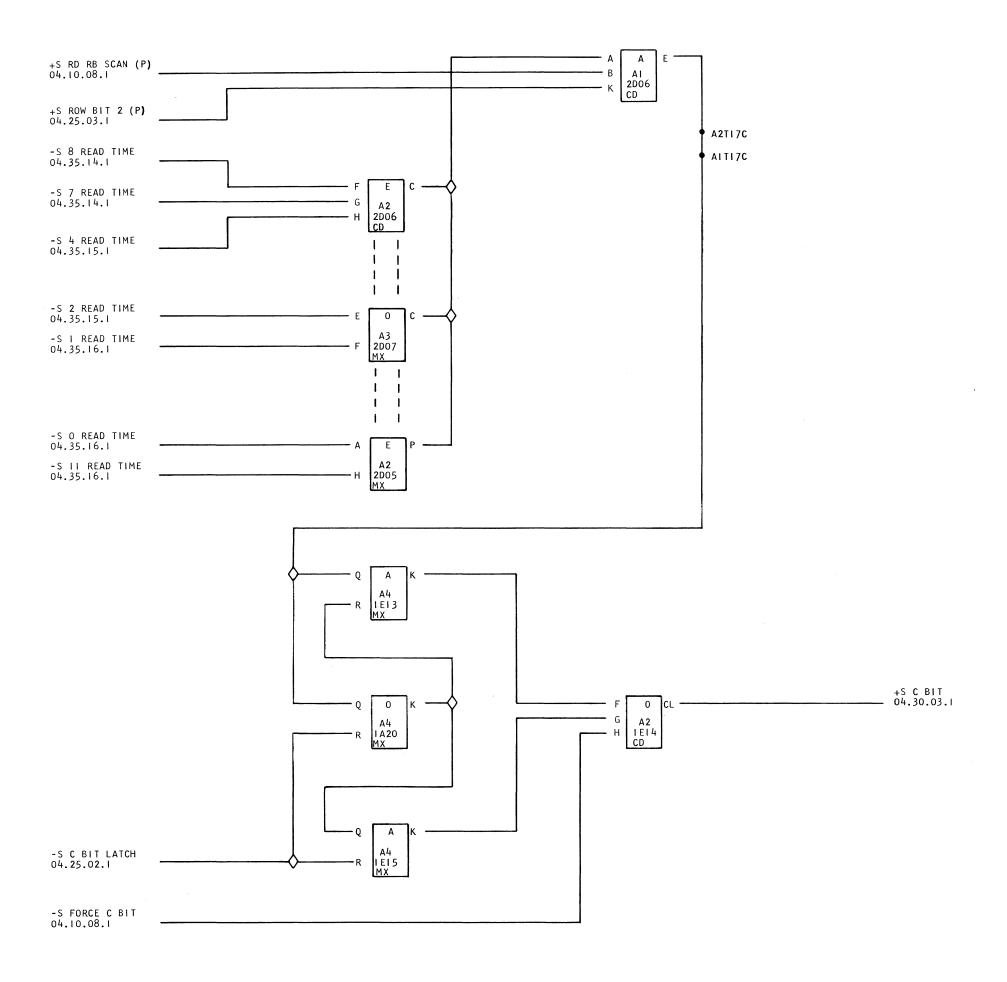
PUECH SCAN RING 6-7-8-9 1622

04.35.13.1

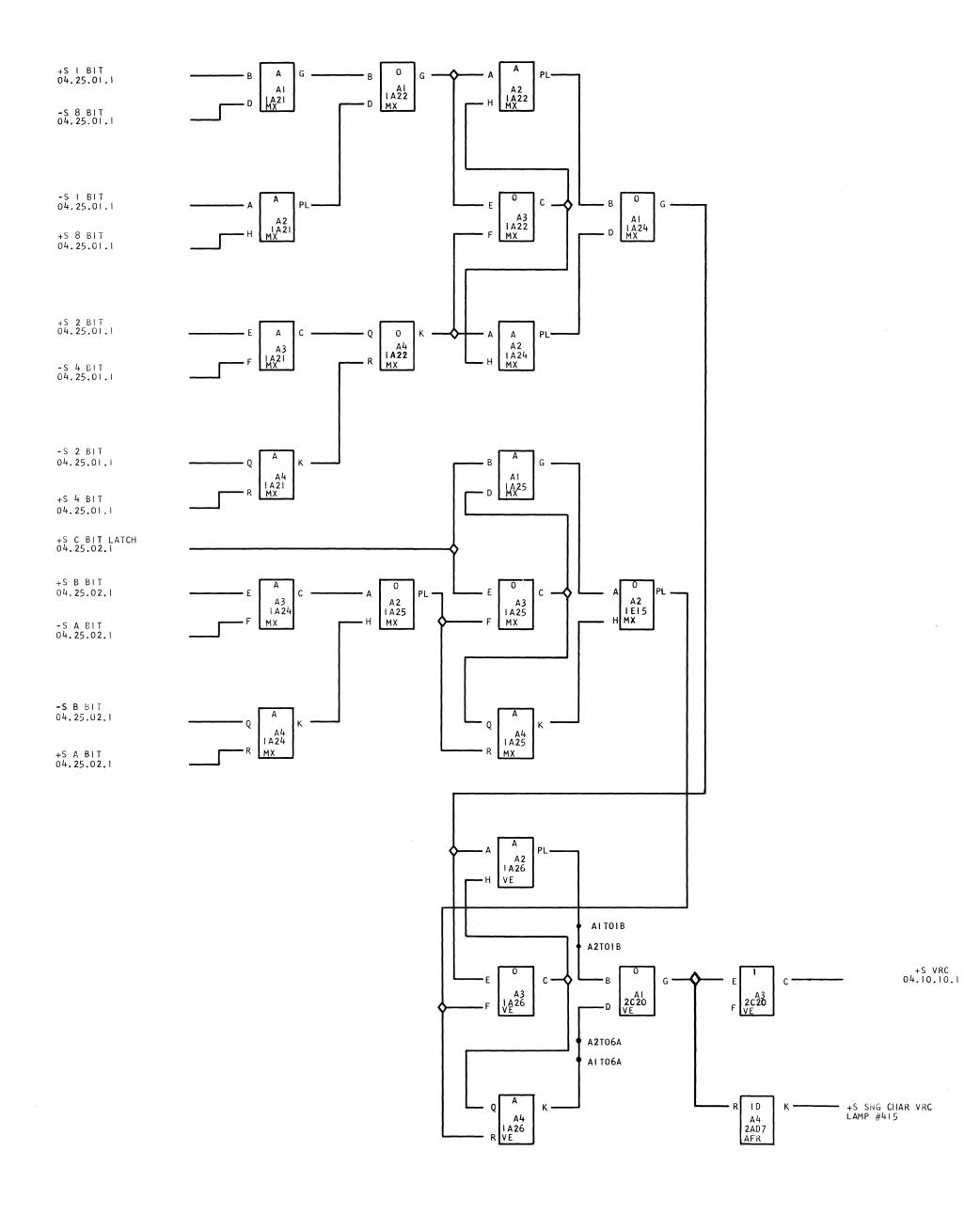


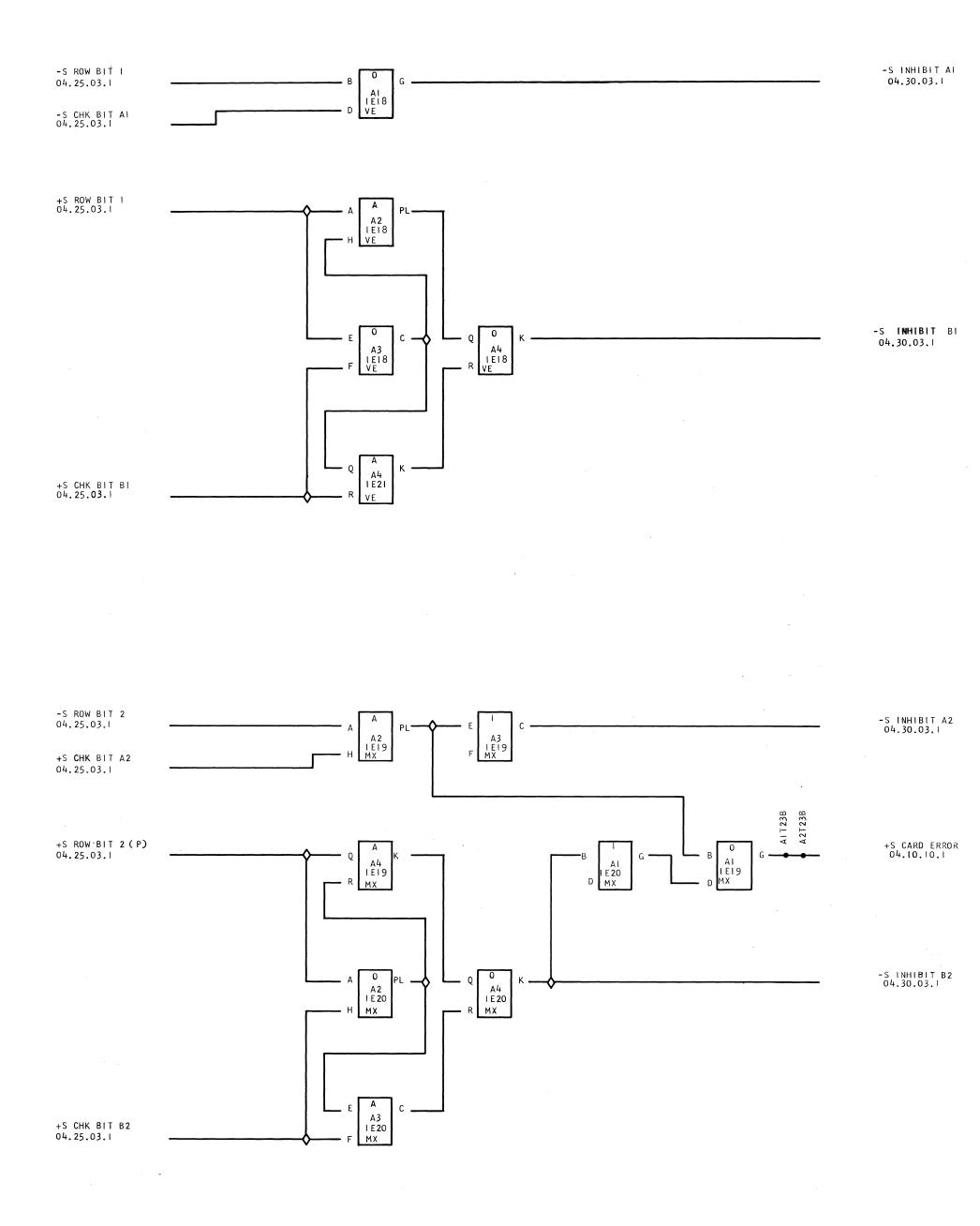
INTERNATIONAL BUSINESS MACHINES CORP.	DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE SPEC	DEVELOPMENT NO.
PREVENT THE LOSS OF PUNCH DATA	12-7-62	80 <b>26</b> 38F			X PRINT TO ENG. SPEC. NO. 894947	605832
74.3						00000
DESIGN 488 /2/7/62 MODEL 1622						
DETAIL			-			
CHECK \$ 3, 12-7-62 DRAW						
1 Xe 9 12.742 0000						

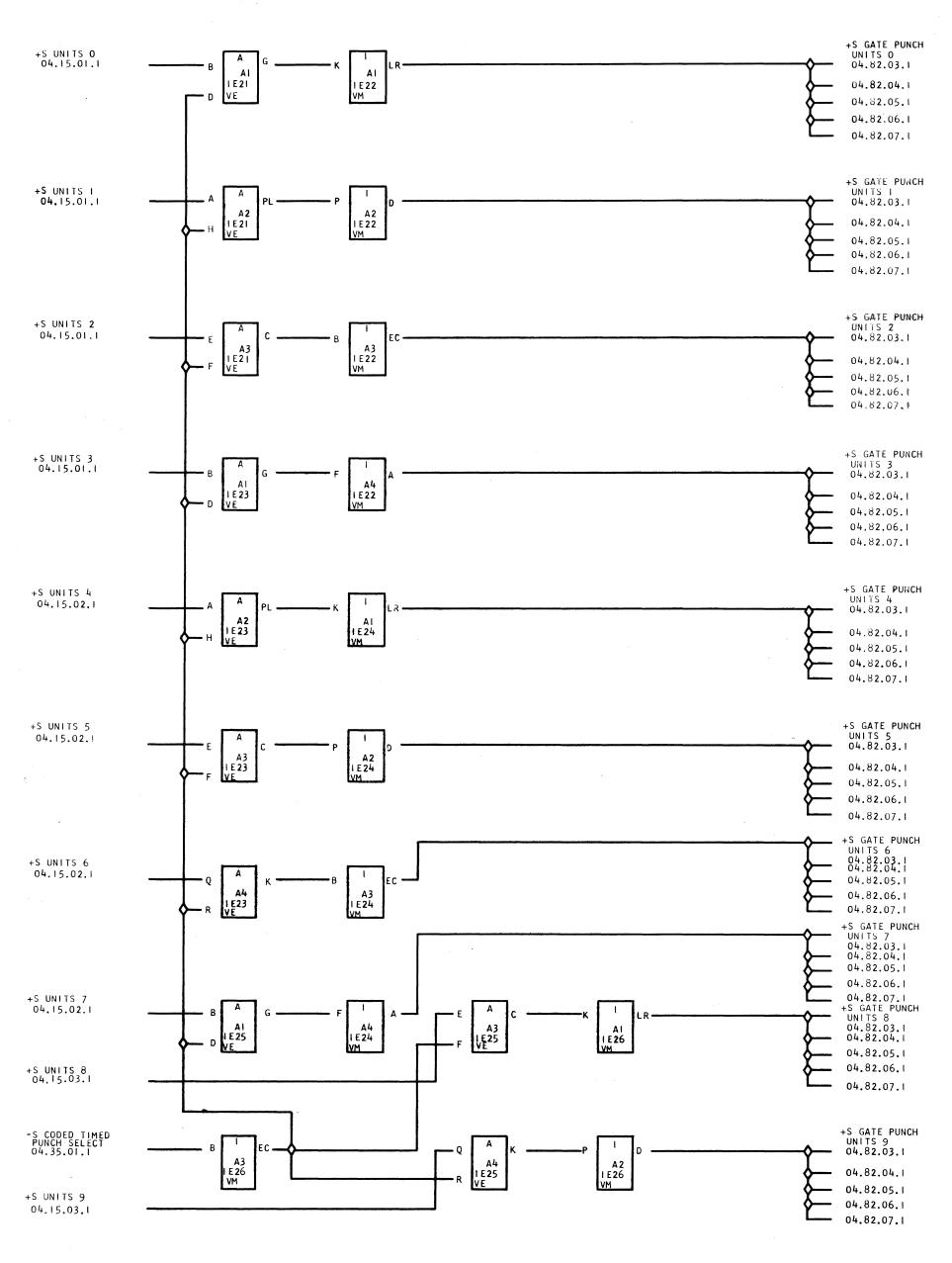


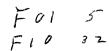


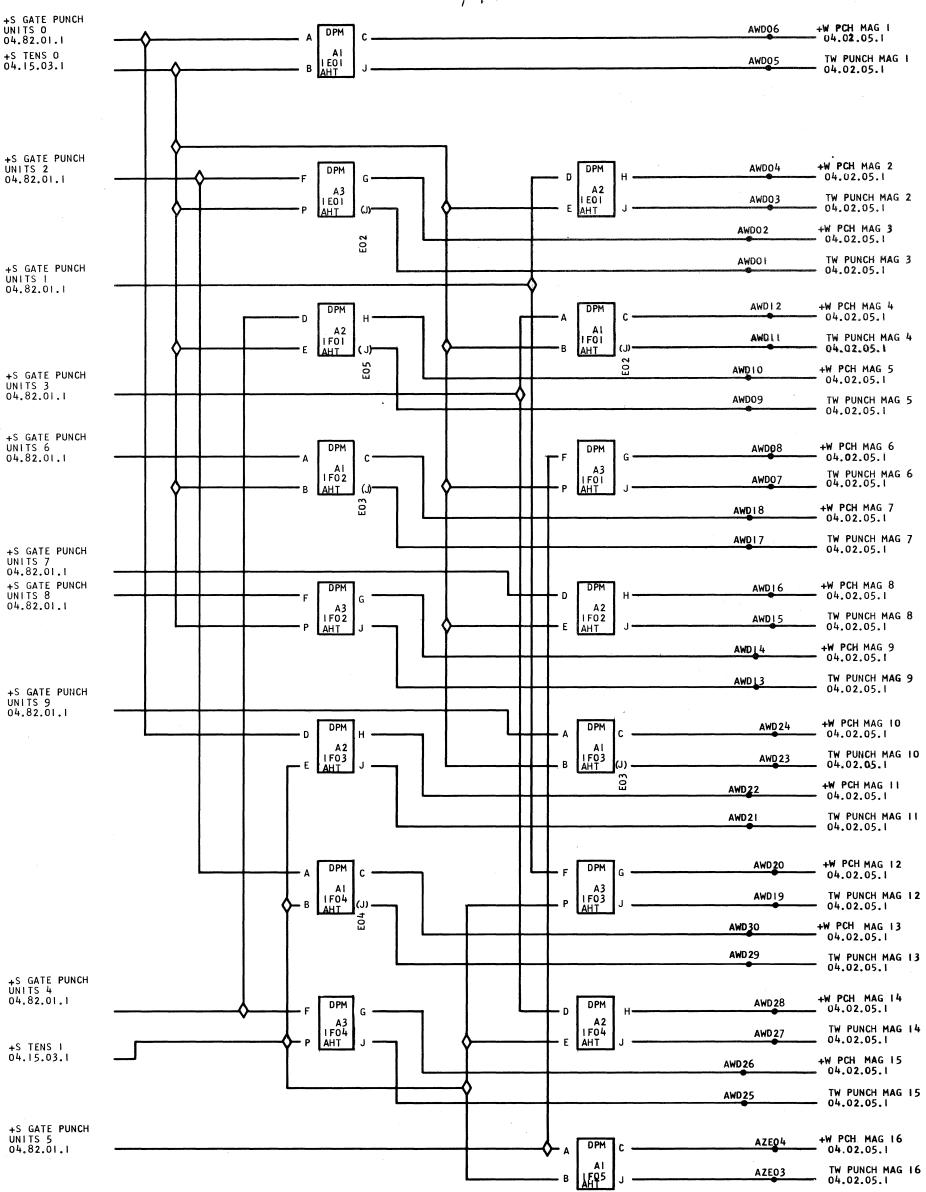
VRC CHECK

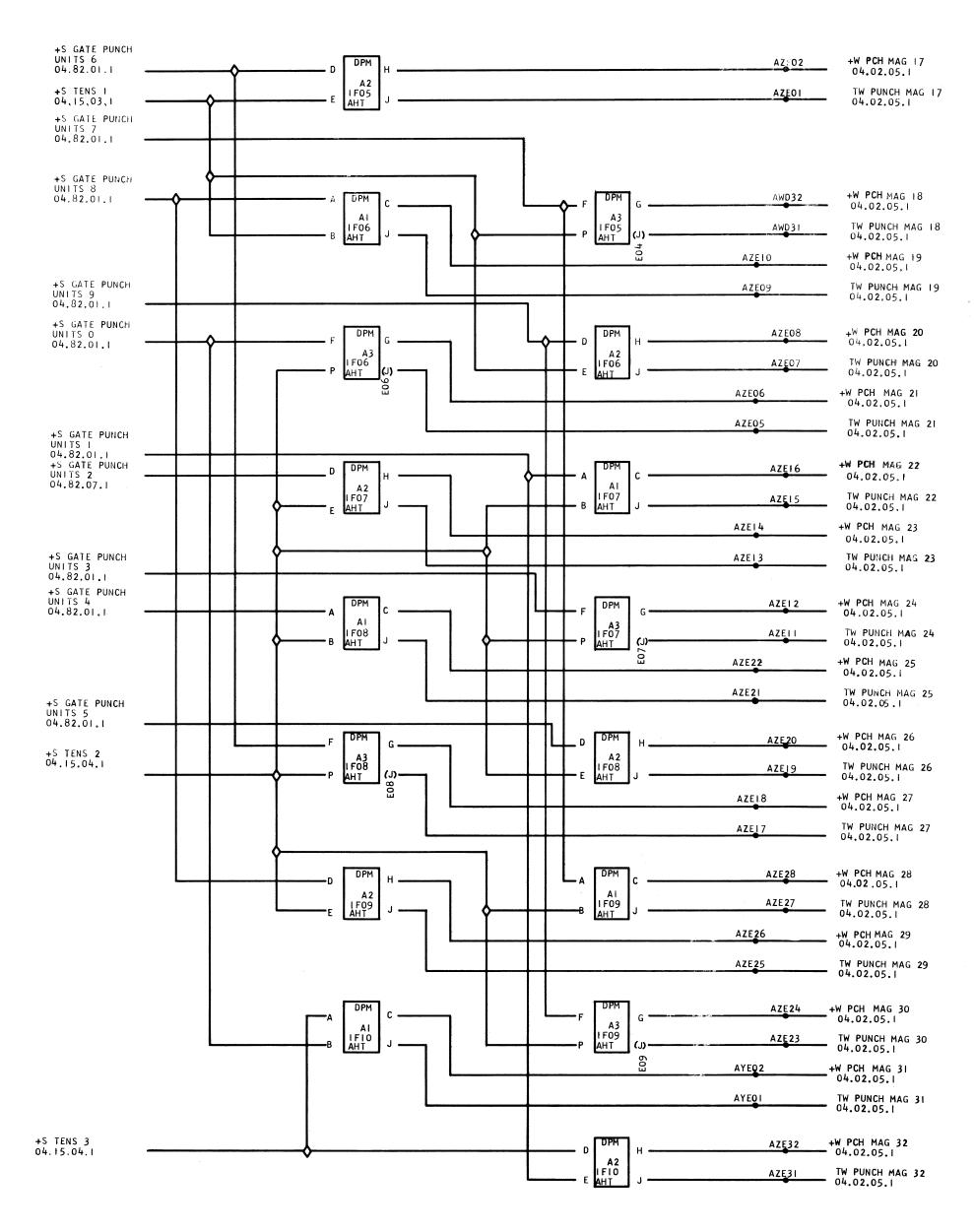


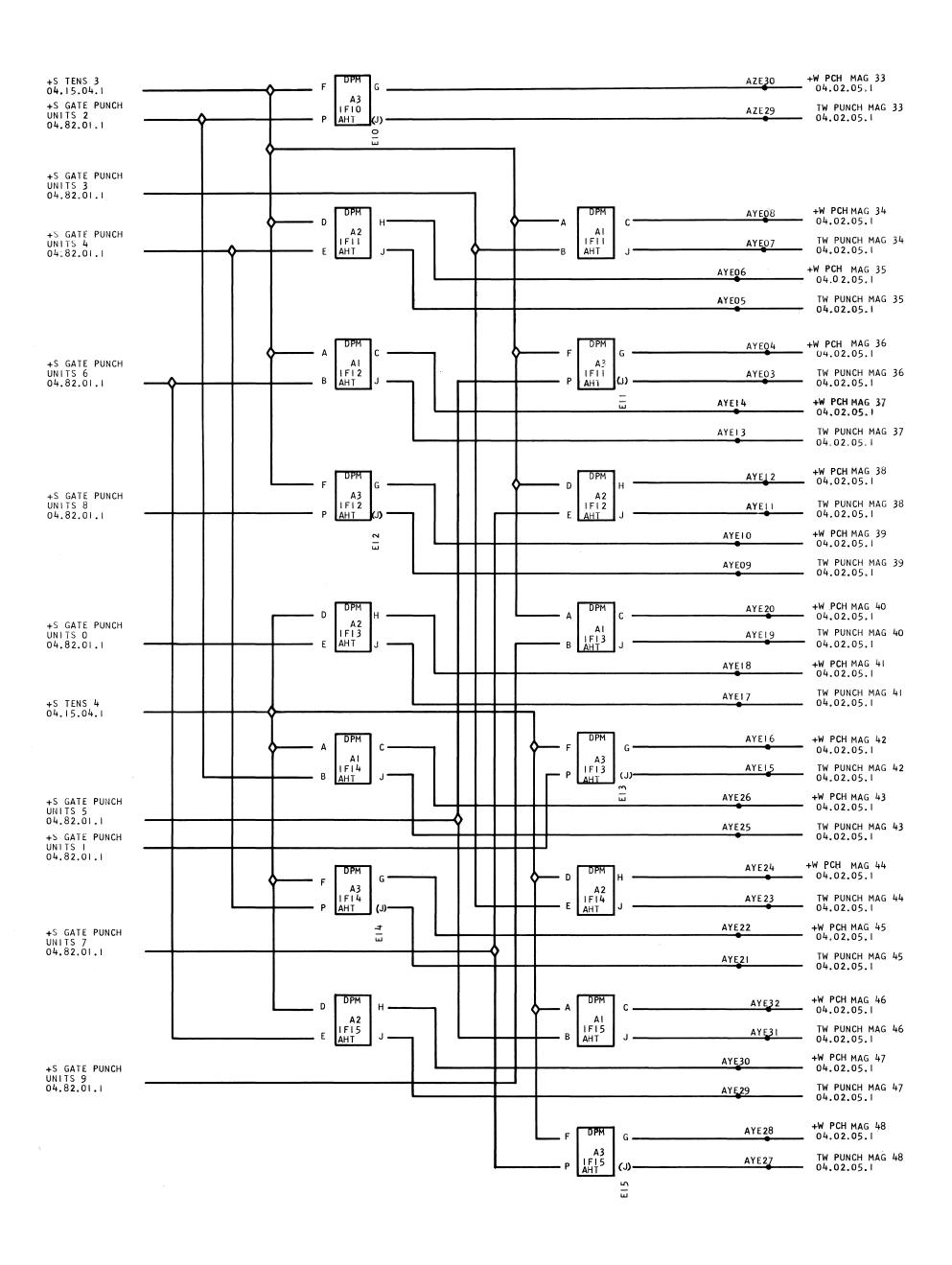


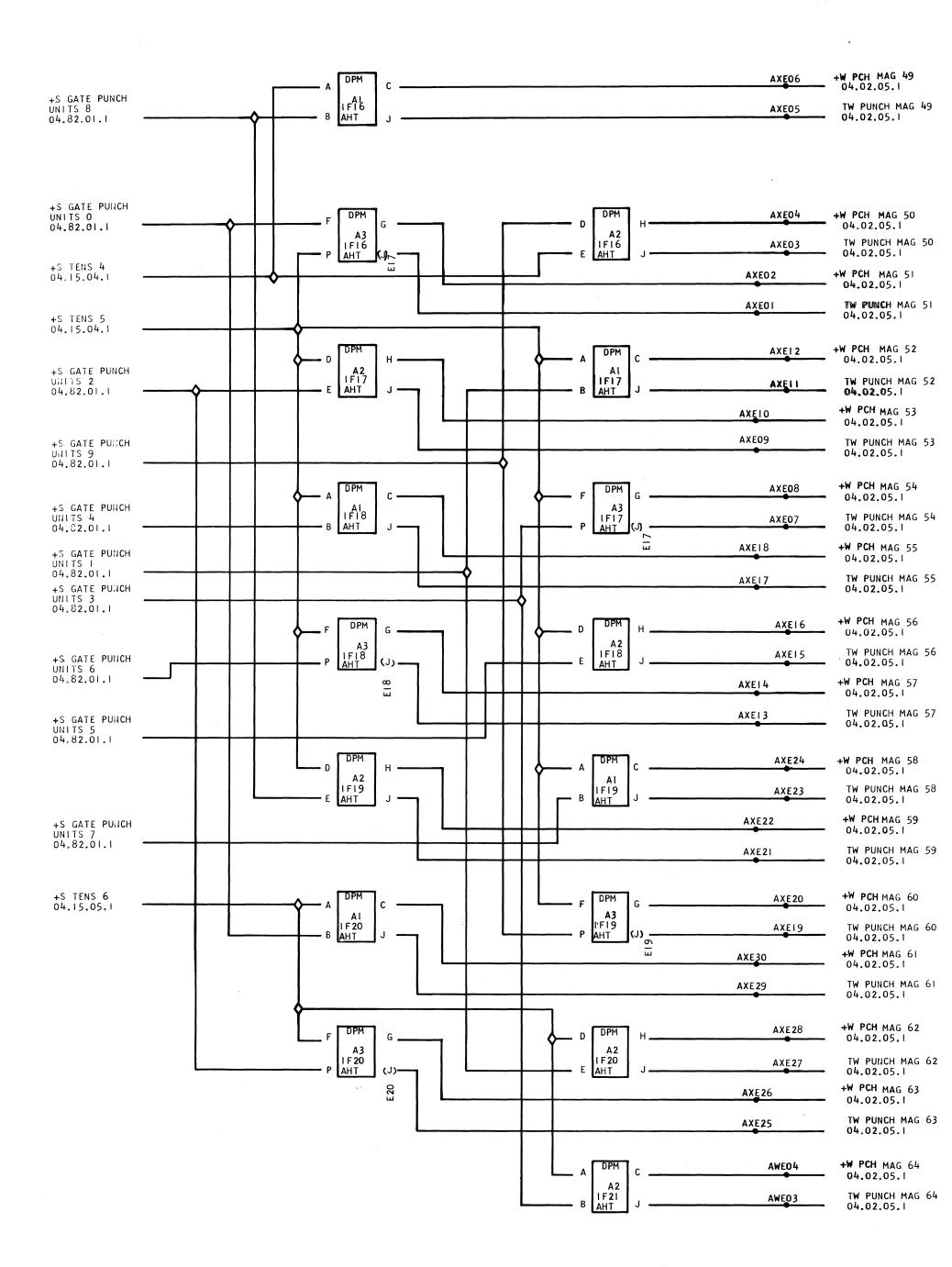


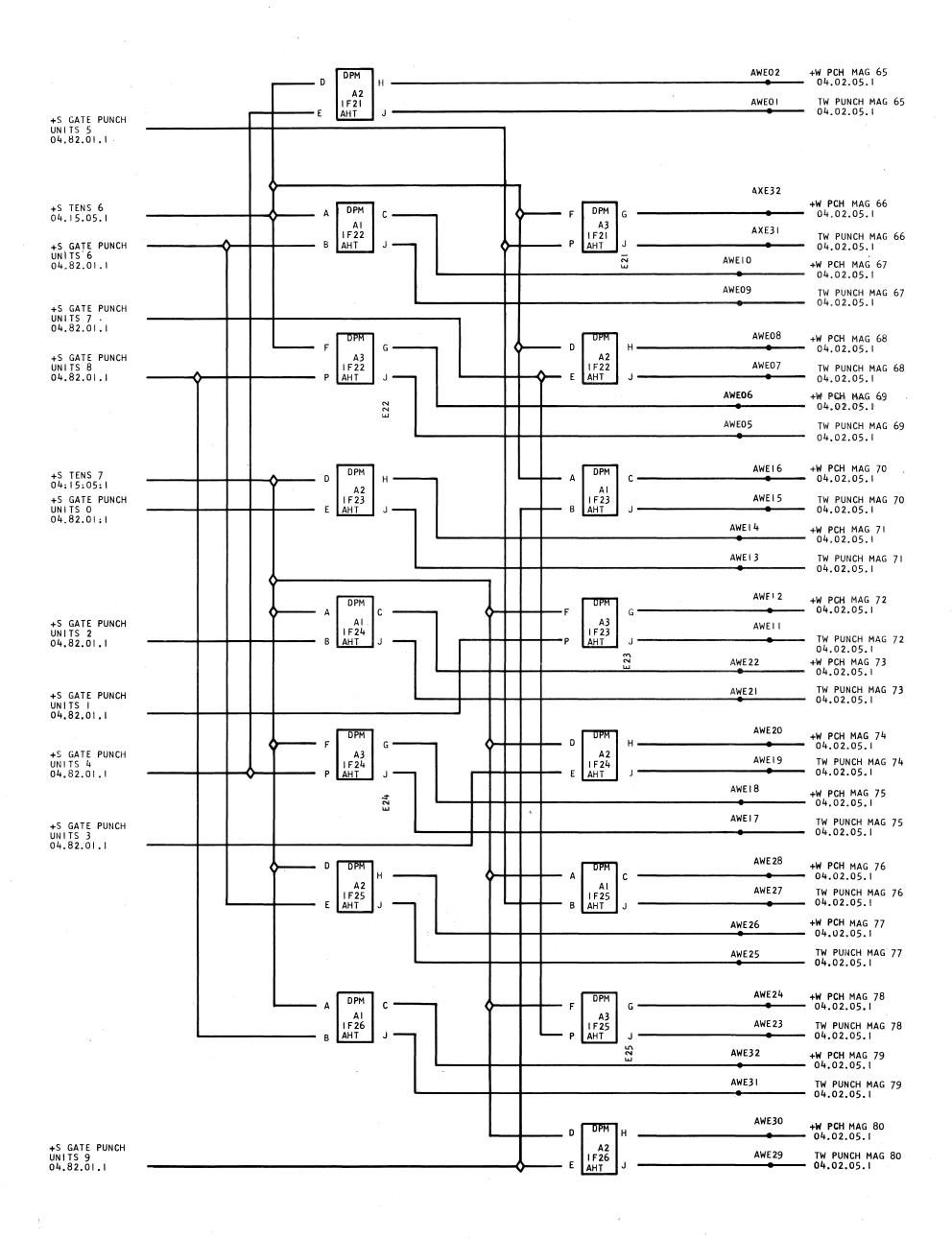


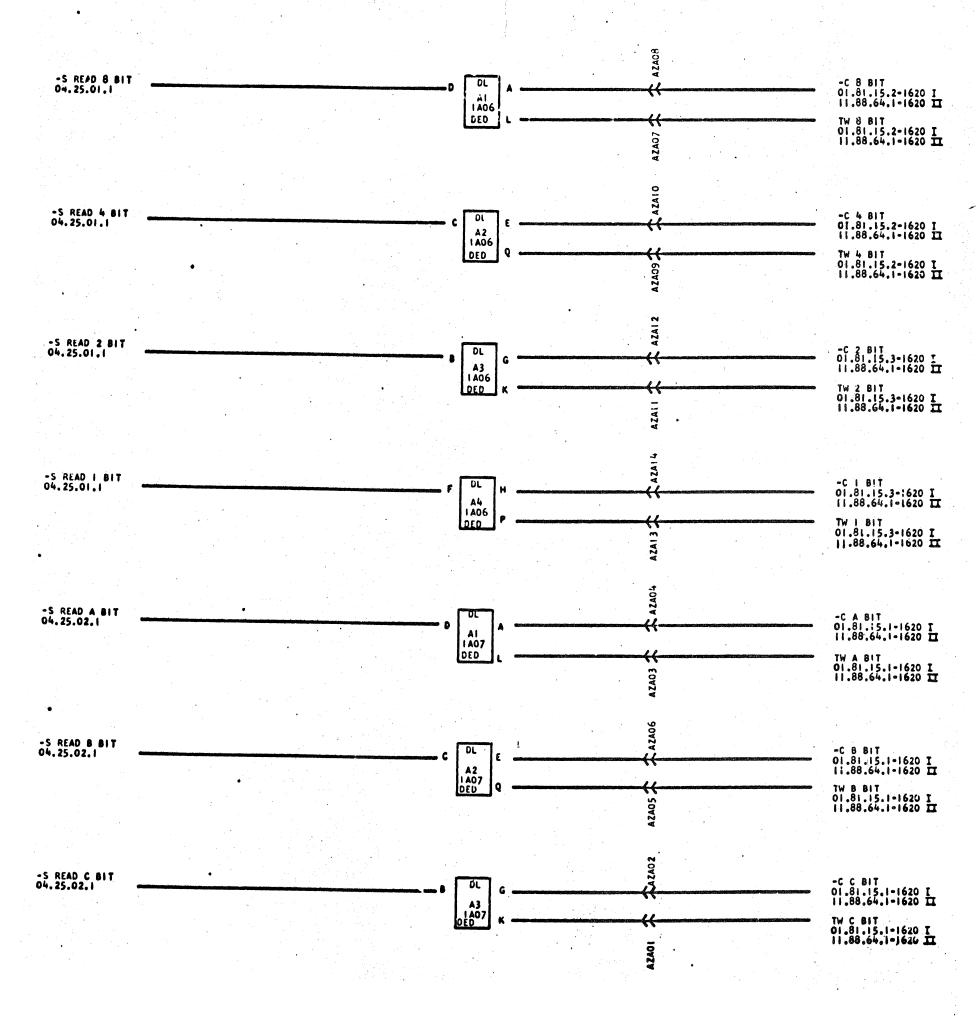


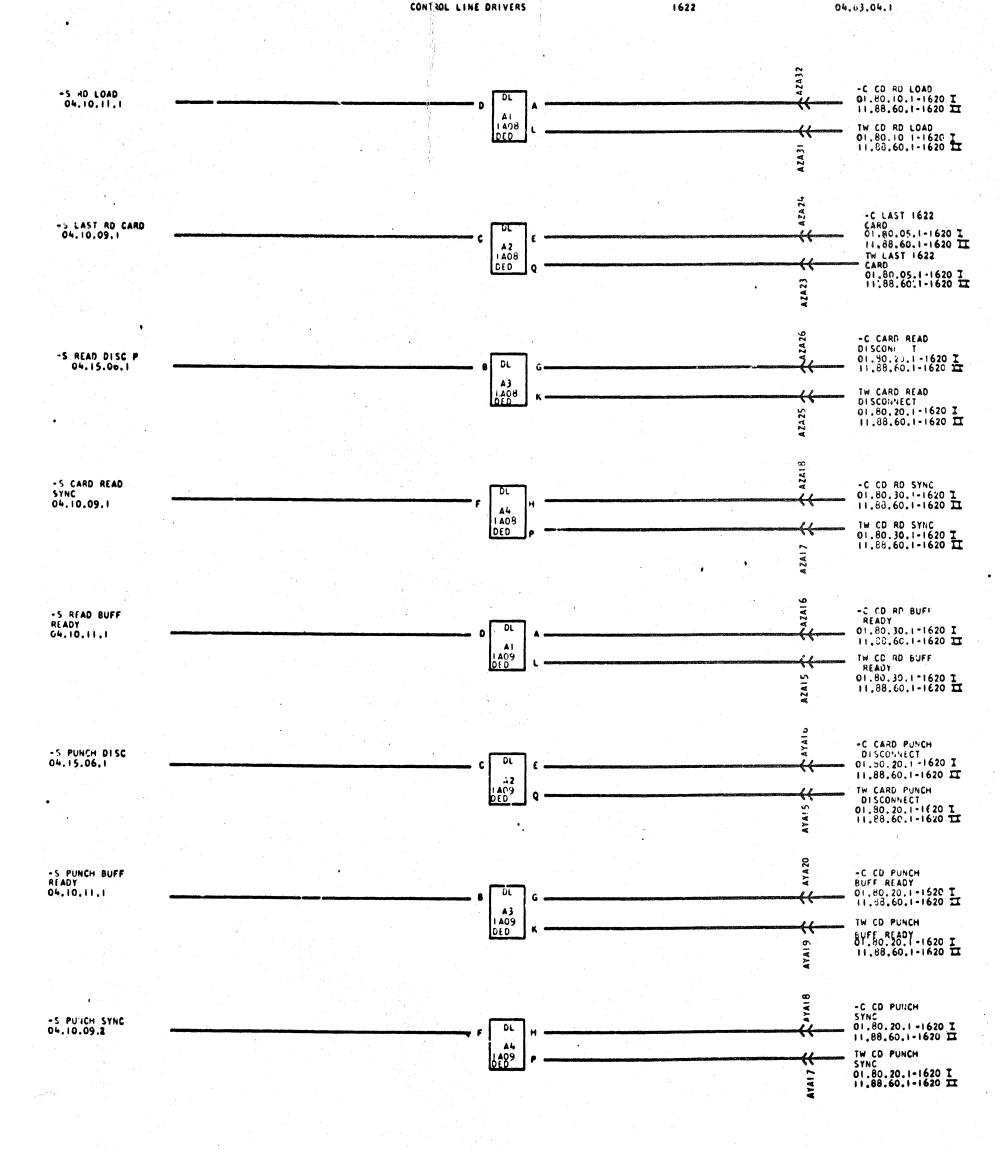


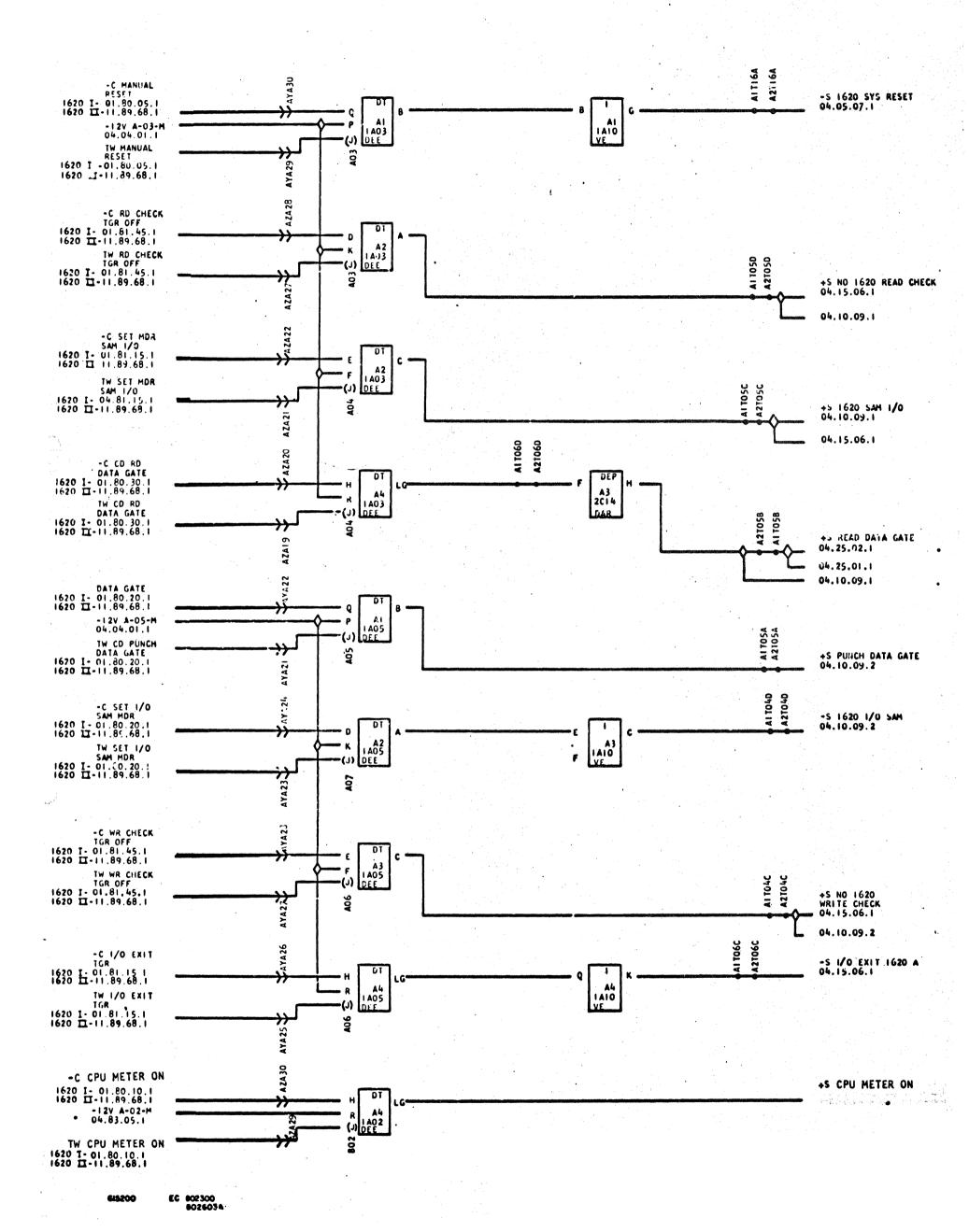




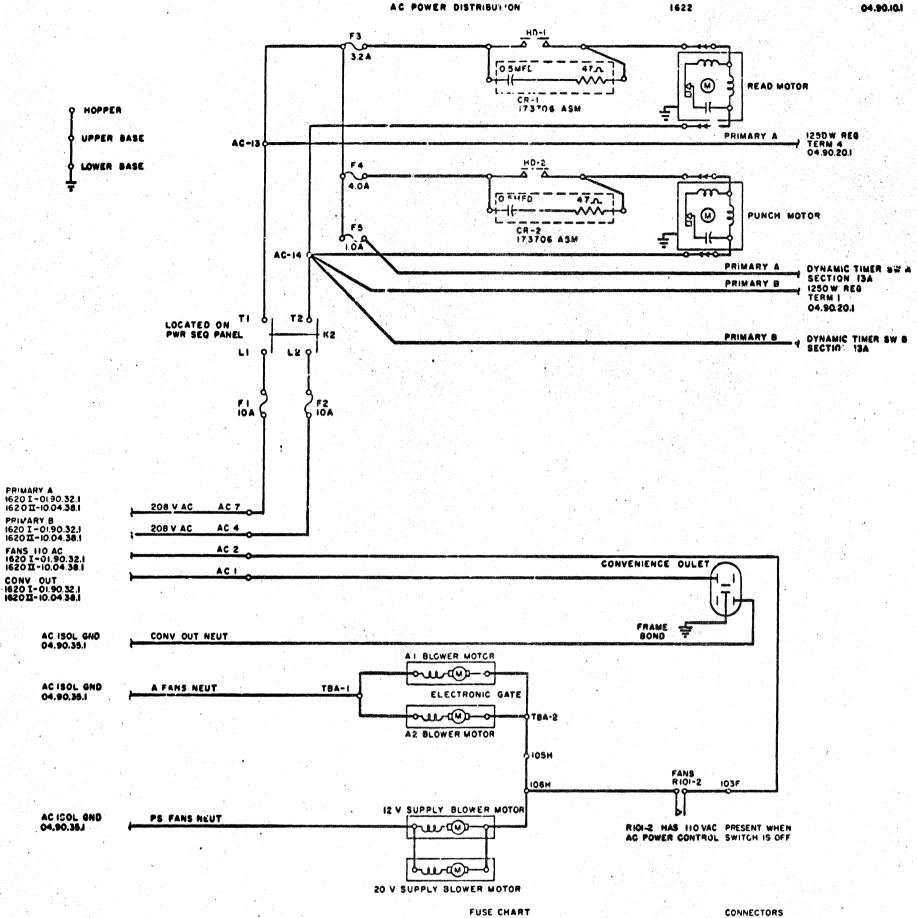






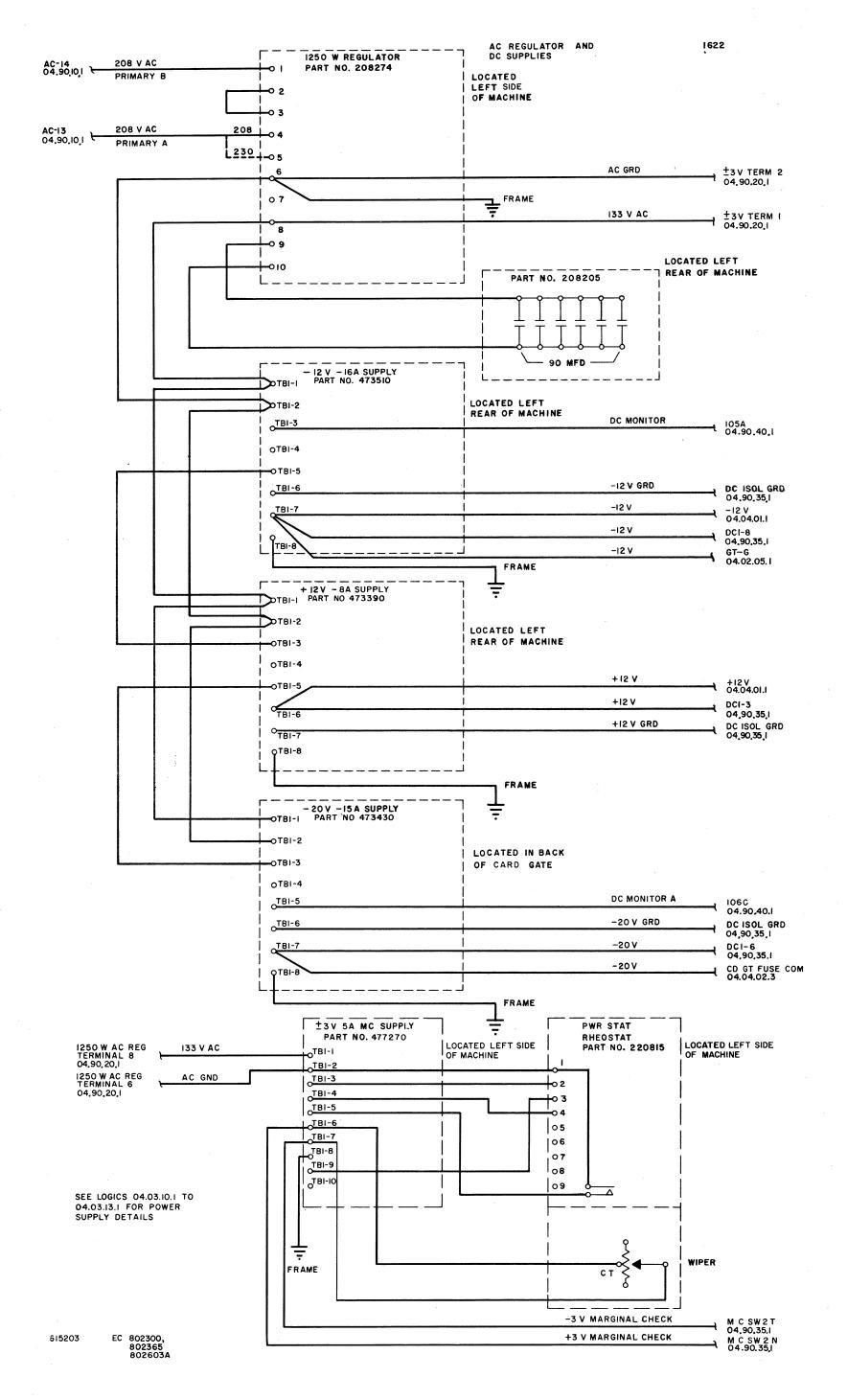


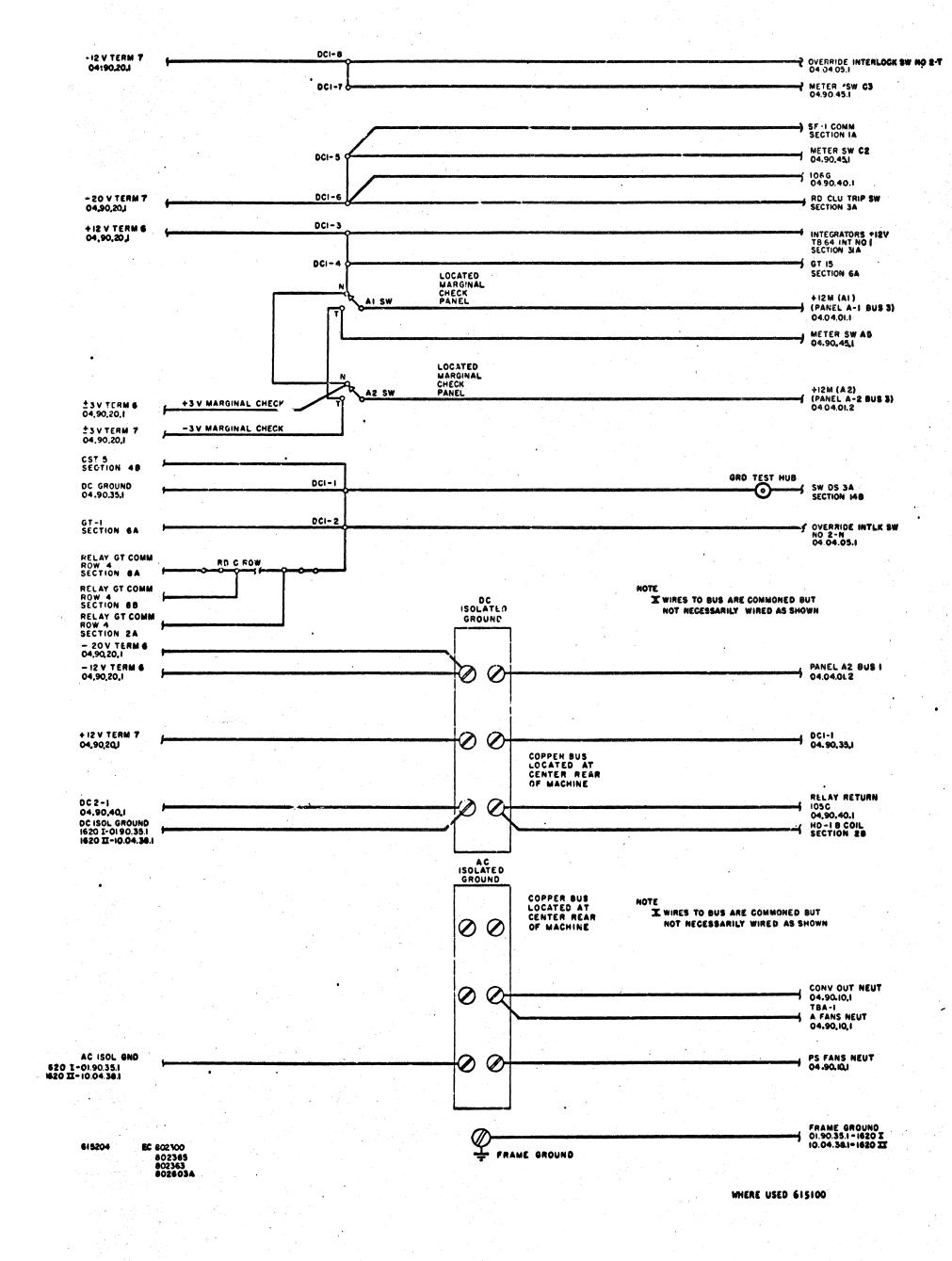
CONTROL LINE TERMINATORS

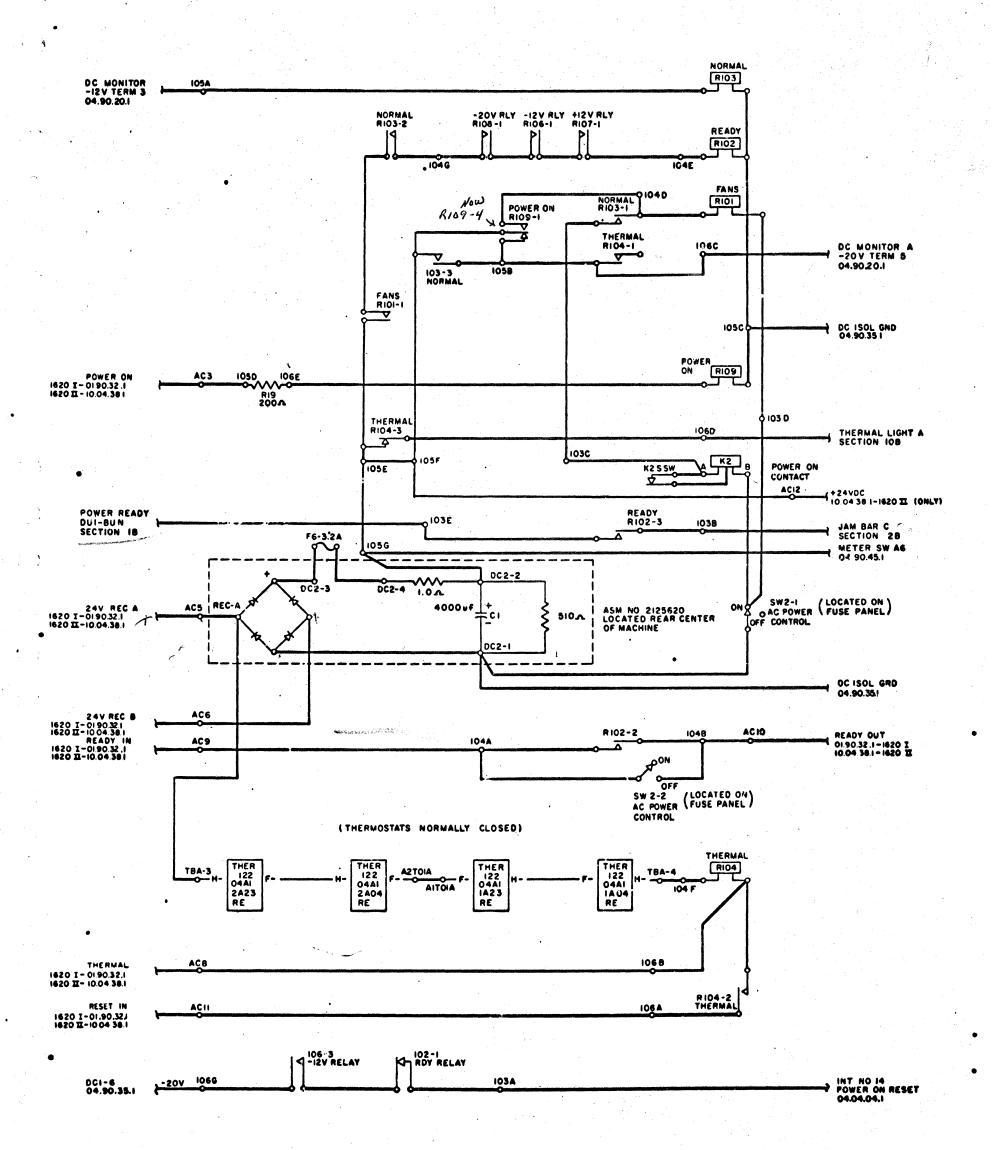


		FUSE CHART						
NO	TYPE	CIRCUIT	SECT/LOGIC					
FI	1076 69	PRIMARY A IOA	04.90.10.1					
F2	107669	PRIMARY B ICA	1					
F3	107654	READ MOTOR 3.2A						
F4	107665	PUNCH MOTOR 4.04						
F5	107799	DYNAMIC TIMER LOA	Ý					
FE	107664	24V DC SUPPLY 3.2A	04.90.40.1					
SFI	104909	RL CAMS	IA					
SF2	104909	POWER READY -	- IA					
SF 3	104909	PL CAMS	7A					
SF4	104909	PUNCH STOP	9.4					
SF5	104909	PUNCH MAG DIODE COMM	129					
SF6	104909	PUNCH START	98					
FB	6325	-20 V MEMORY CORES I.OA	04.04.02.3					
F9								
FIO								
FII								
F12								
FI3								
FI4	· ·	•	<u> </u>					
	F1 F2 F3 F4 F5 F6 SF1 SF2 SF3 SF4 SF5 SF6 F9 F10 F11 F12 F13	F1 107669 F2 107669 F3 107664 F4 107665 F5 107799 F6 107664  SF1 104909 SF2 104909 SF3 104909 SF6 104909 SF6 104909 F6 6 325 F9 F10 F11 F12 F13	NO TYPE CIRCUIT  F1 107669 PRIMARY A 10A  F2 107669 PRIMARY B 1CA  F3 107664 READ MOTOR 3.2A  F4 107665 PUNCH MOTOR 4.0A  F5 107799 DYNAMIC TIMER 1.0A  F6 107664 24V DC SUPPLY 3.2A  SF1 104909 RL CAMS  SF2 104909 POWER READY  SF3 104909 PUNCH STOP  SF5 104909 PUNCH MAG DIODE COMM  SF6 104909 PUNCH START  F8 6325 -20V MEMORY CORES 1.0A  F9 F10  F11 F12 [ F13   F14   F15   F16   F17   F17   F18   F18   F19   F10   F11   F12   F13   F17   F18   F18   F18   F19   F10   F10   F11   F12   F13   F17   F18   F18   F19   F10   F10   F11   F12   F13   F16   F17   F17   F18   F18   F19   F10   F10   F11   F12   F13   F17   F18   F18   F19   F10   F10   F10   F11   F12   F13   F14   F15   F15   F16   F17   F18   F18   F18   F19   F10   F10   F10   F11   F12   F13   F18   F18   F19   F10   F10   F10   F10   F11   F12   F13   F10   F10   F10   F11   F12   F13   F14   F15   F15   F16   F17   F18   F18   F18   F19   F10   F10   F10   F10   F11   F12   F13   F10   F10   F10   F11   F12   F13   F12   F13   F14   F15   F15   F16   F17   F17   F18   F18   F18   F19   F10   F10   F10   F10   F10   F10   F10   F10   F11   F12   F13   F12   F13   F14   F15   F16   F17   F18   F18   F18   F19   F10   F10					

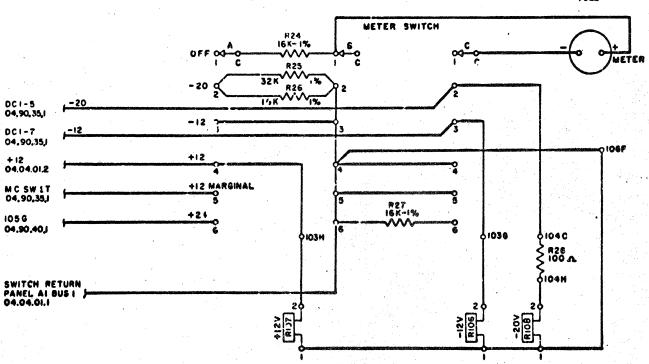
AC	1000	DC	LOCATION		
AC	LOCATION	00	LOCATION		
7	04.90.101	1	04.90.10.1		
2	04.90.10.1	2			
3	04.90.40.1	3			
4	04.90.10.1	4			
5	04.90.40.1	5			
6	04.90.40.1	- 6			
7	04.90.10.1	7			
8	04.90.40.1	8	<b>V</b>		
9					
10					
. 11			700		
12	*				
13	04.90.10.1	4. 1	g t g tage s		
. 14	04.90.10.1				
•					

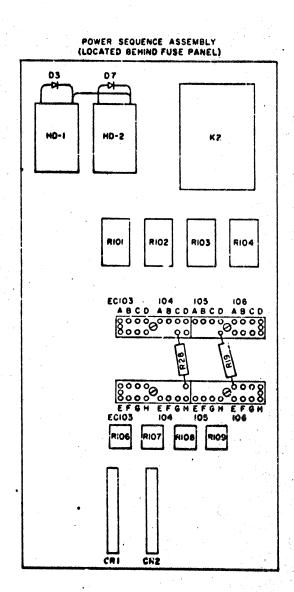


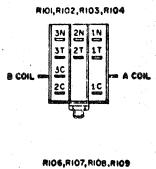




M\$205 EC 802300 8023008 802458A 802603A







EDGE CONNECTOR LOCATIONS

	EDGE COMMECTOR EDGATIONS						
	103	104	105	106			
A	04.90.40.1	04.90.40.1	04.90.40.1	04.90.40.1			
8	04.90.401	04 90.40.1	04.90.40.1	04.90.40.1			
С	04.90.40.1	04.90.45.1	04.90.40.1	04.90.40.1			
0	04.90.401	04,90,40,1	04.90.40.1	04.90.40.1			
Ε	04.90.40.1	04.90.40.1	04.90.40.1	04.90.40.1			
F	04.90.10.1	04.90.40.1	04.90.40.1	04.90.45.1			
G	04.90.45.1	04.90.40.1	04.90.40.1	0490.401			
H	04.90.45.1	04.90.45.1	04.90 10.1	0490.10.1			